

Appendix for 15.247

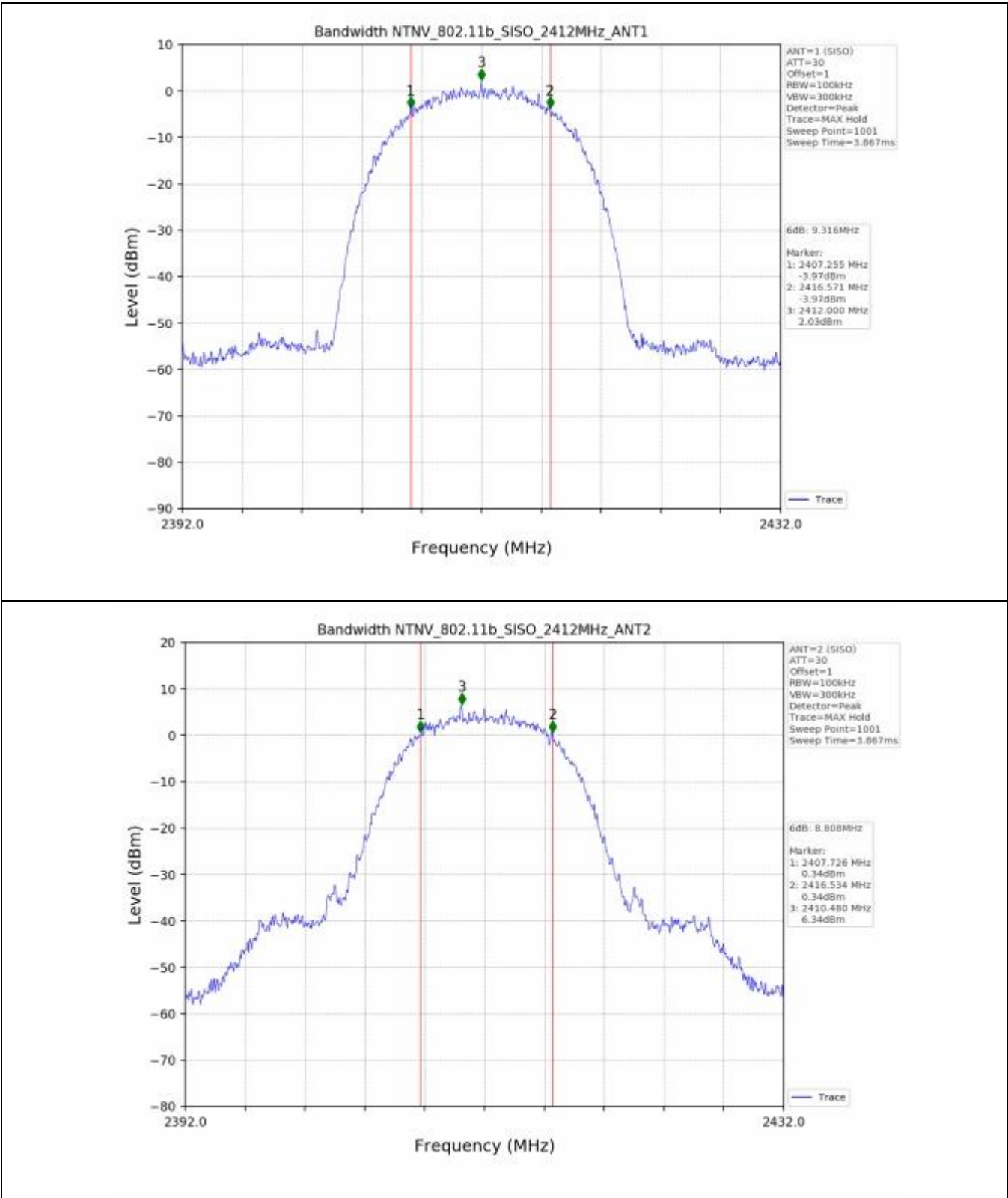
1. Bandwidth

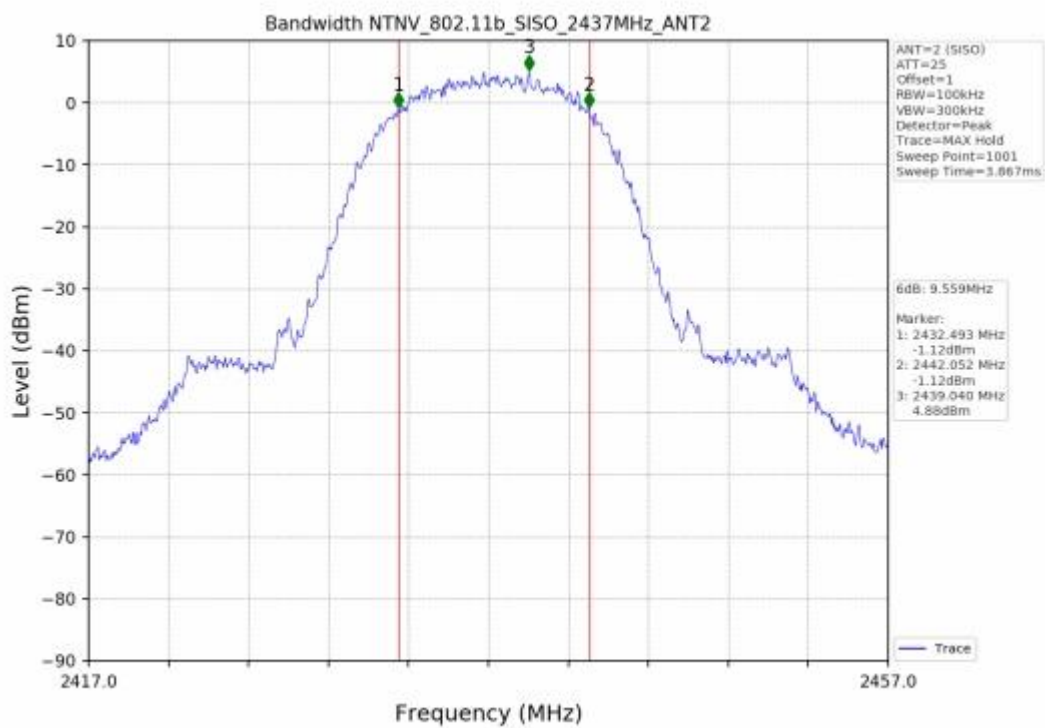
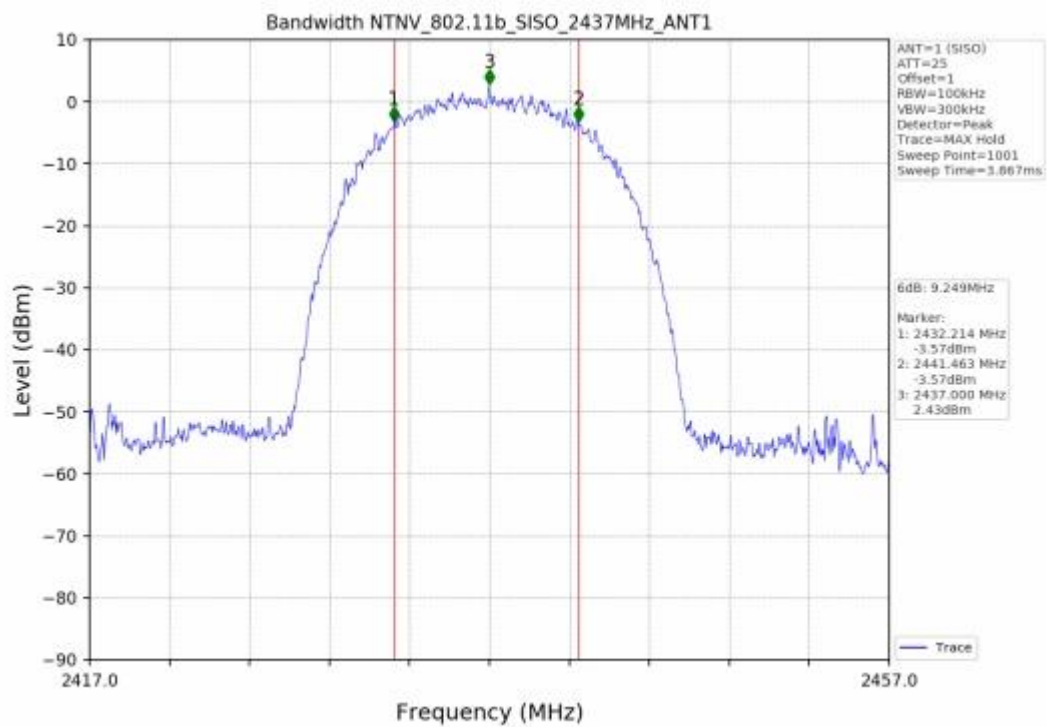
1.1 Test Result

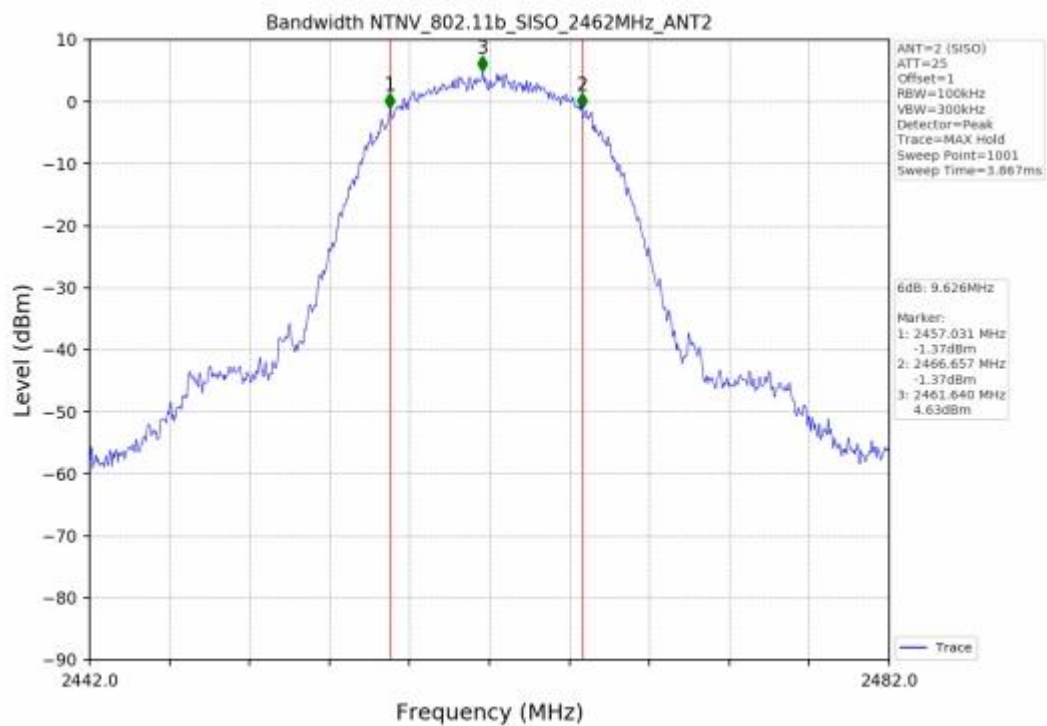
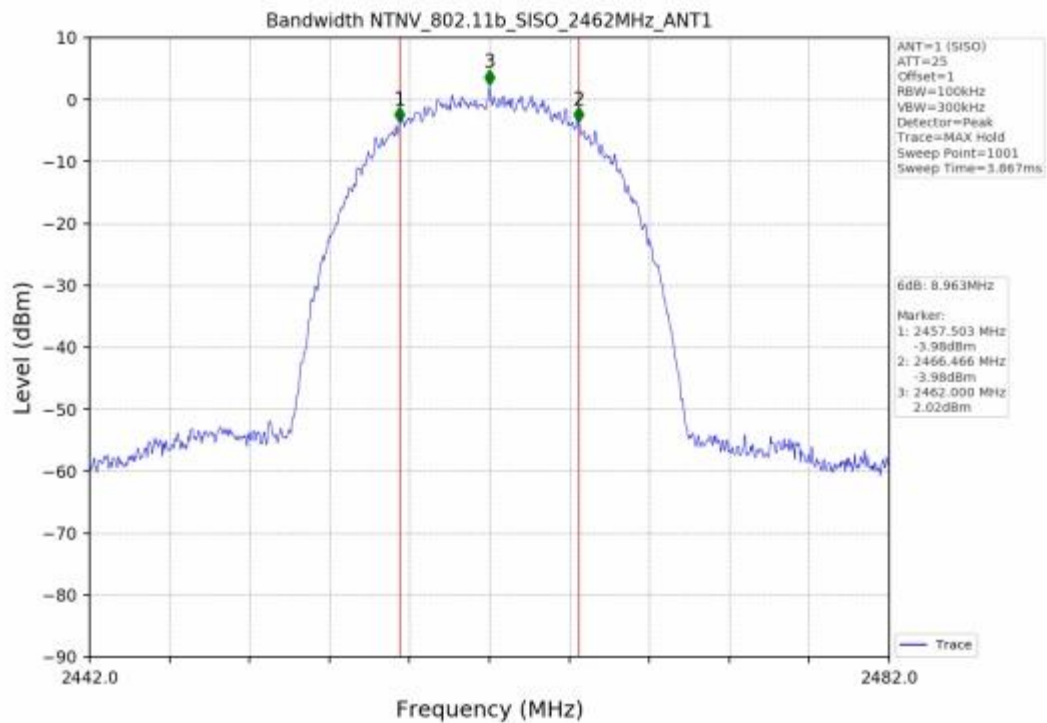
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	9.316	PASS
			2	8.808	PASS
	2437	SISO	1	9.249	PASS
			2	9.559	PASS
	2462	SISO	1	8.963	PASS
			2	9.626	PASS
802.11g	2412	SISO	1	15.155	PASS
			2	15.720	PASS
	2437	SISO	1	15.092	PASS
			2	15.773	PASS
	2462	SISO	1	15.149	PASS
			2	16.064	PASS
802.11n(HT20)	2412	SISO	1	15.062	PASS
			2	16.105	PASS
	2437	SISO	1	15.153	PASS
			2	16.381	PASS
	2462	SISO	1	13.879	PASS
			2	16.968	PASS
802.11n(HT40)	2422	SISO	1	32.695	PASS
			2	35.442	PASS
	2437	SISO	1	33.875	PASS
			2	35.158	PASS
	2452	SISO	1	33.894	PASS
			2	35.161	PASS

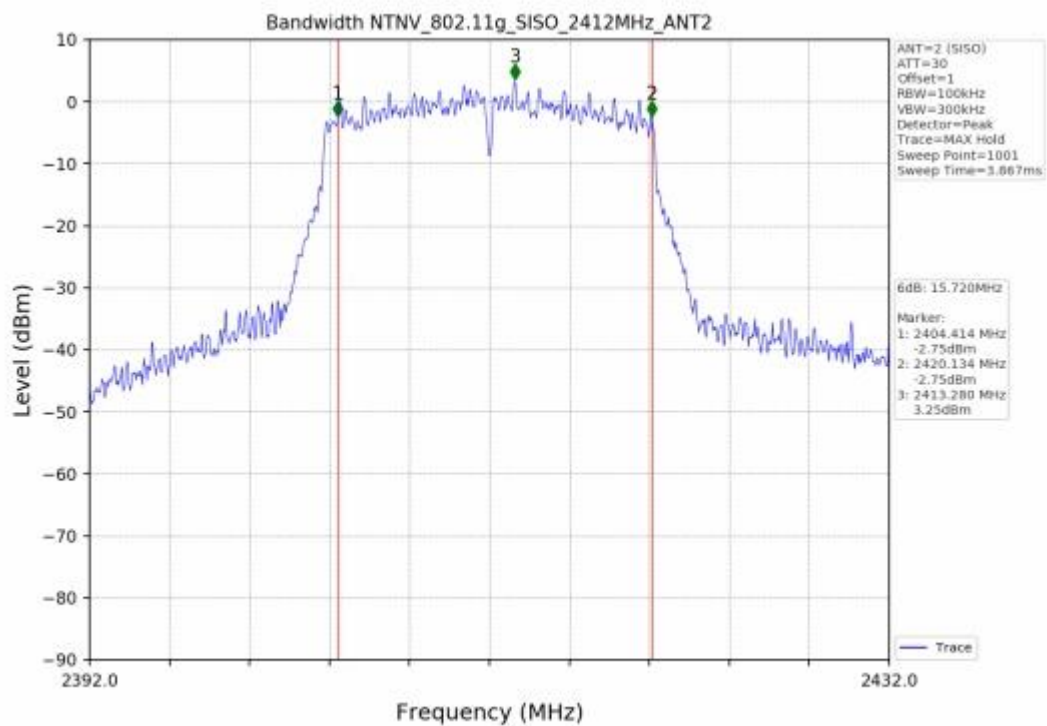
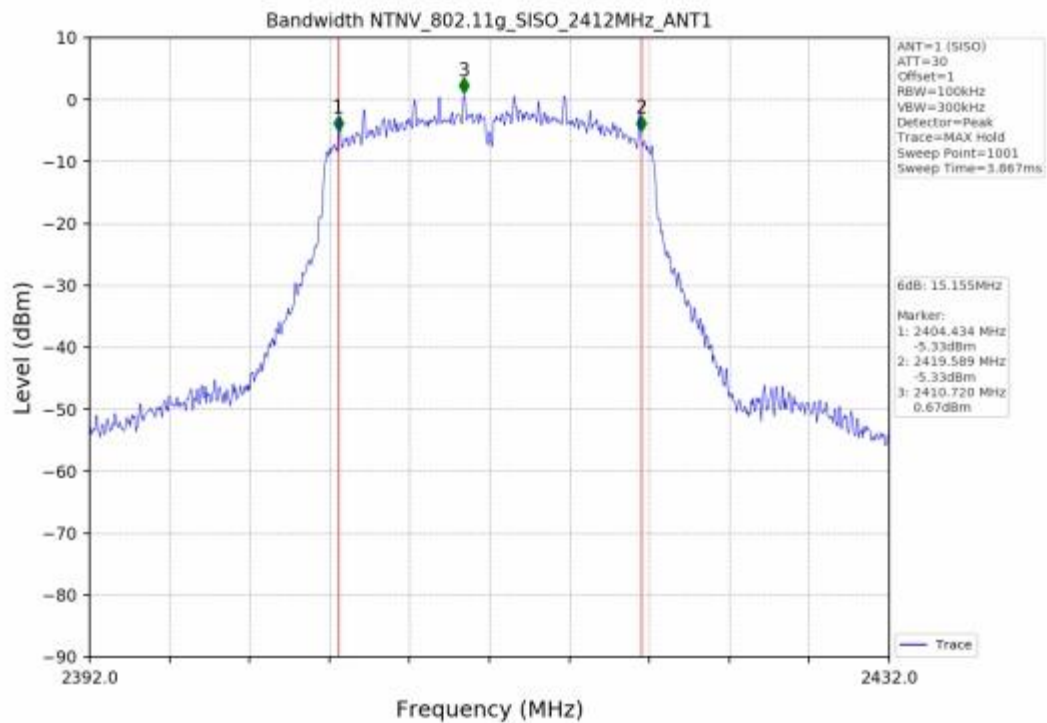
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	13.312	Only for Report Use
			2	12.428	Only for Report Use
	2437	SISO	1	13.280	Only for Report Use
			2	12.386	Only for Report Use
	2462	SISO	1	13.198	Only for Report Use
			2	12.390	Only for Report Use
802.11g	2412	SISO	1	16.159	Only for Report Use
			2	16.559	Only for Report Use
	2437	SISO	1	16.138	Only for Report Use
			2	16.590	Only for Report Use
	2462	SISO	1	16.092	Only for Report Use
			2	16.582	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.213	Only for Report Use
			2	17.644	Only for Report Use
	2437	SISO	1	17.201	Only for Report Use
			2	17.704	Only for Report Use
	2462	SISO	1	17.155	Only for Report Use
			2	17.670	Only for Report Use
802.11n(HT40)	2422	SISO	1	35.671	Only for Report Use
			2	36.259	Only for Report Use
	2437	SISO	1	35.856	Only for Report Use
			2	36.128	Only for Report Use
	2452	SISO	1	35.942	Only for Report Use
			2	36.210	Only for Report Use

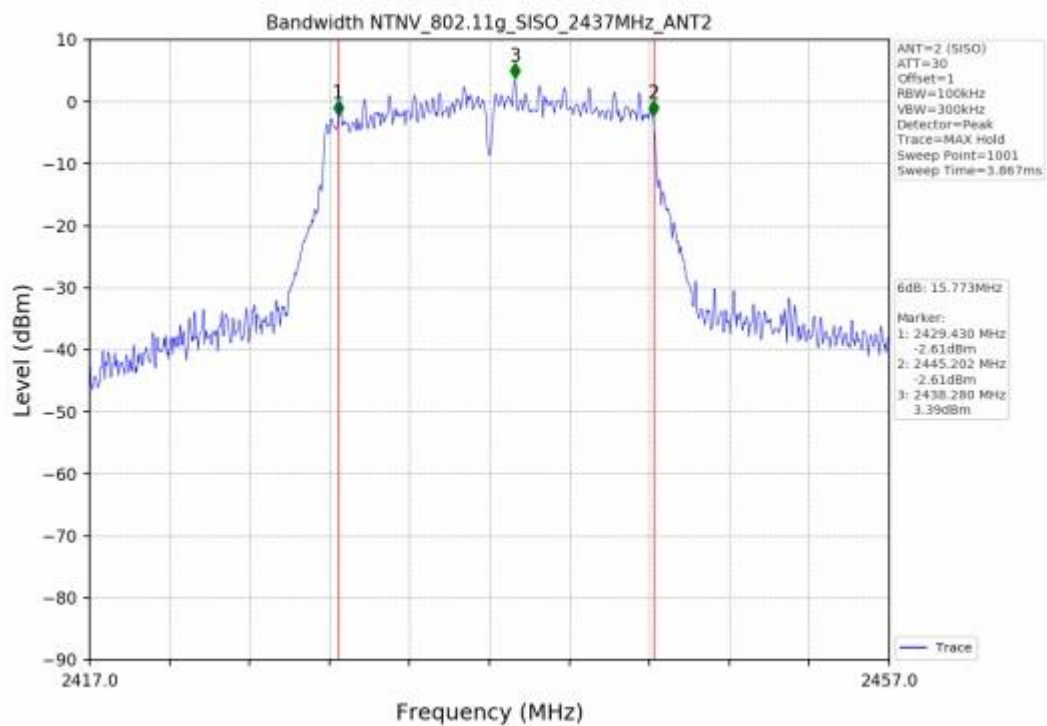
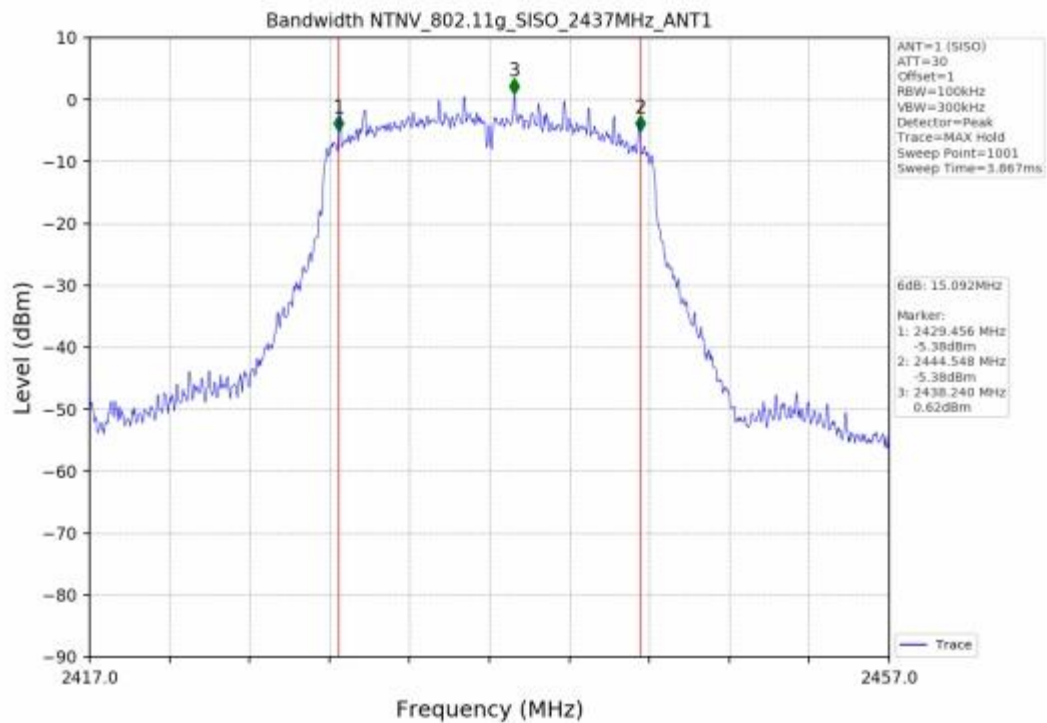
1.2. Test Graph - 6dB Bandwidth

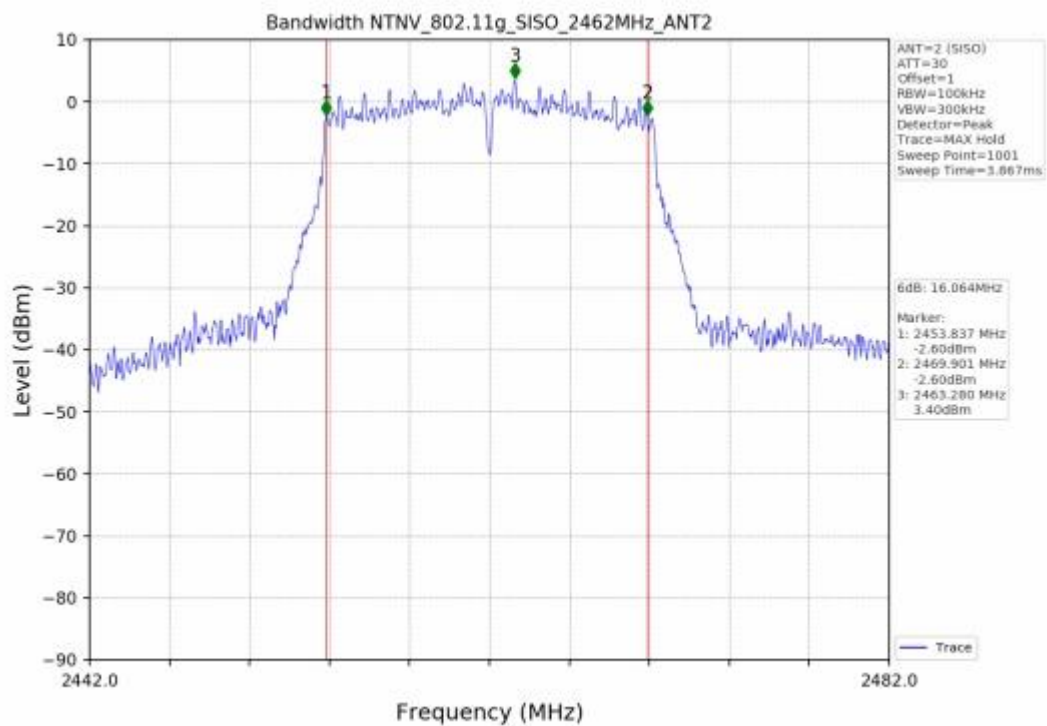
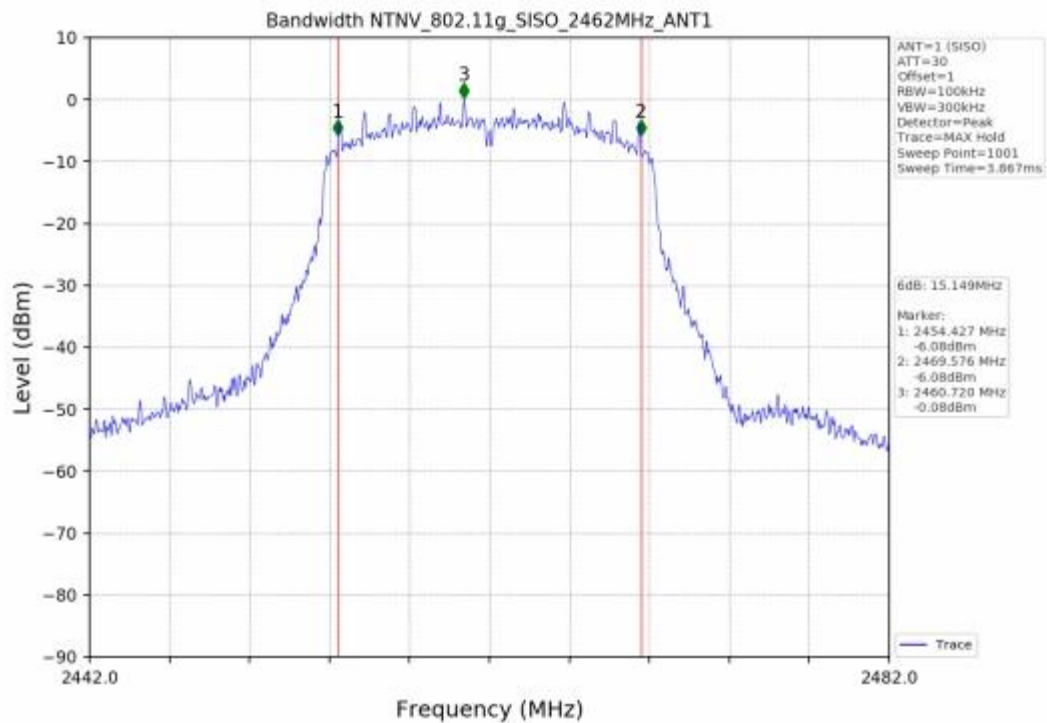


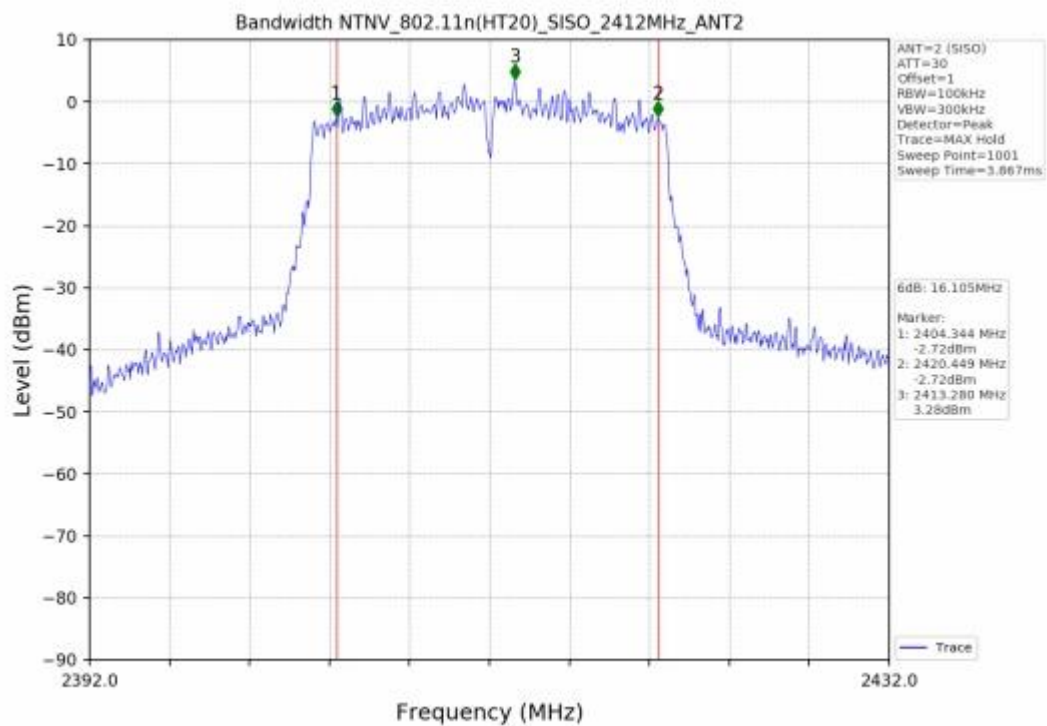
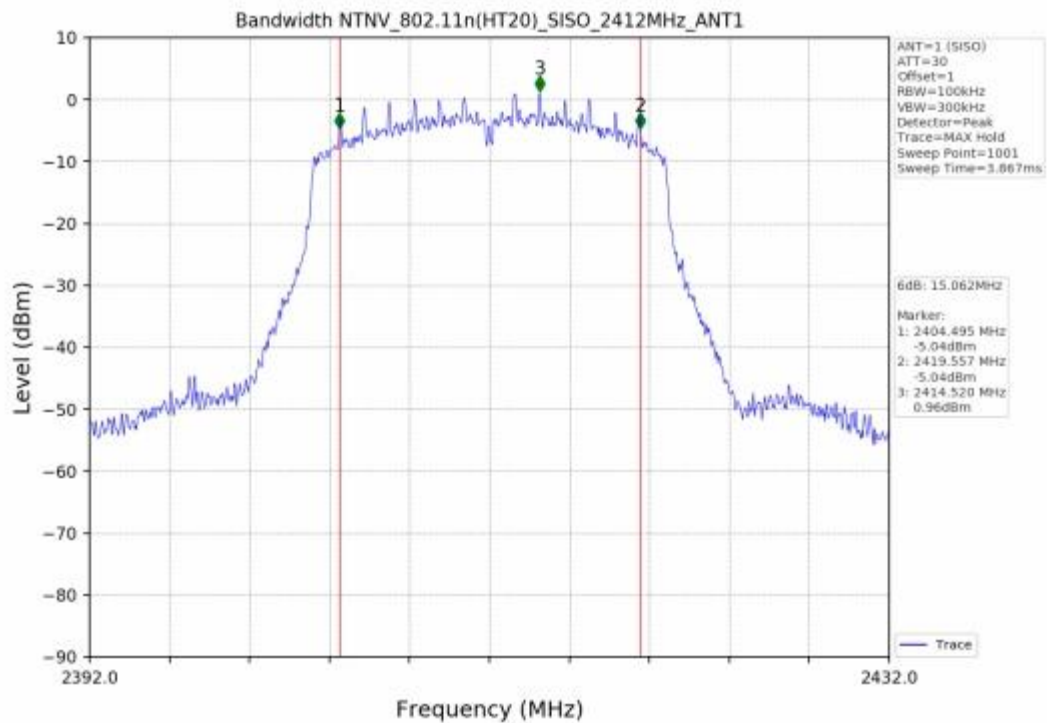


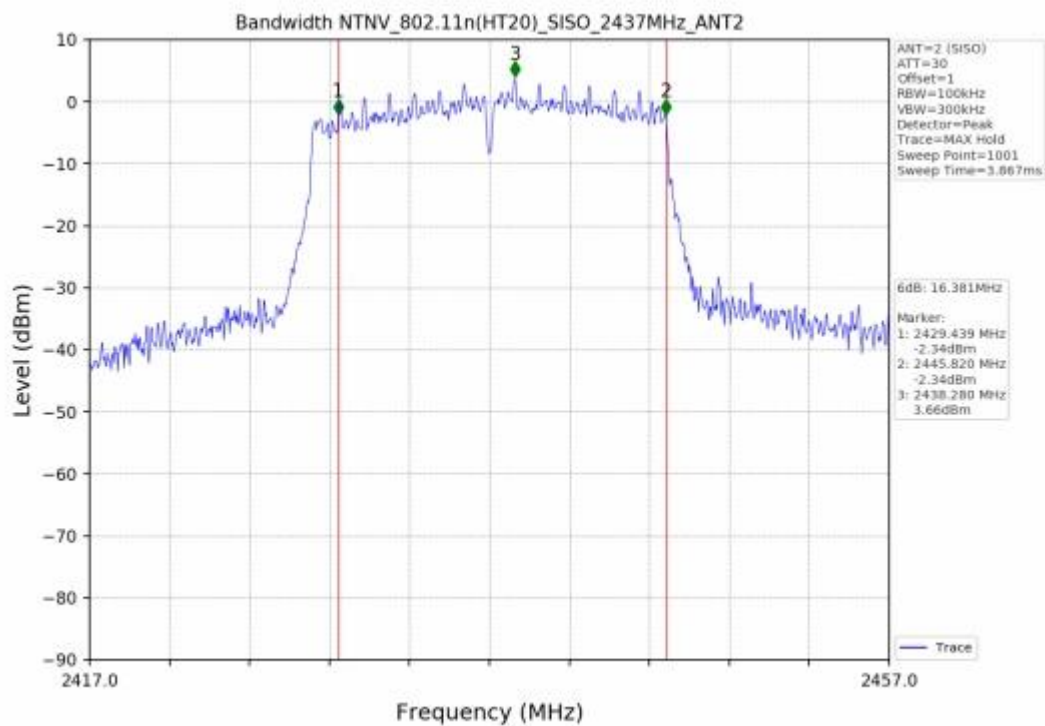
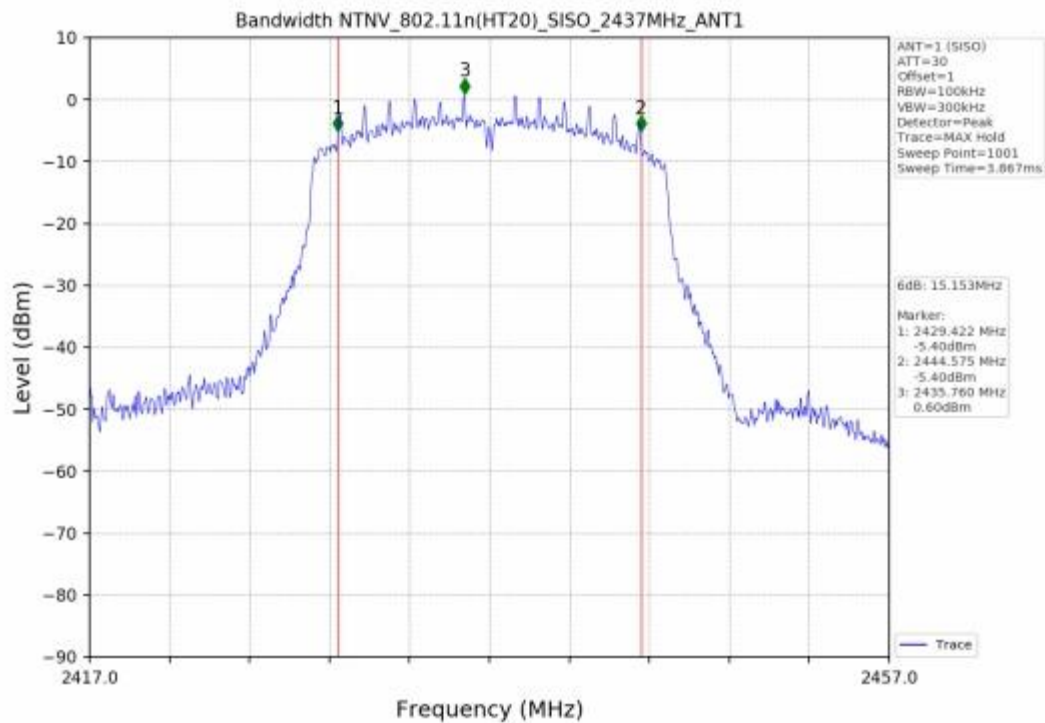


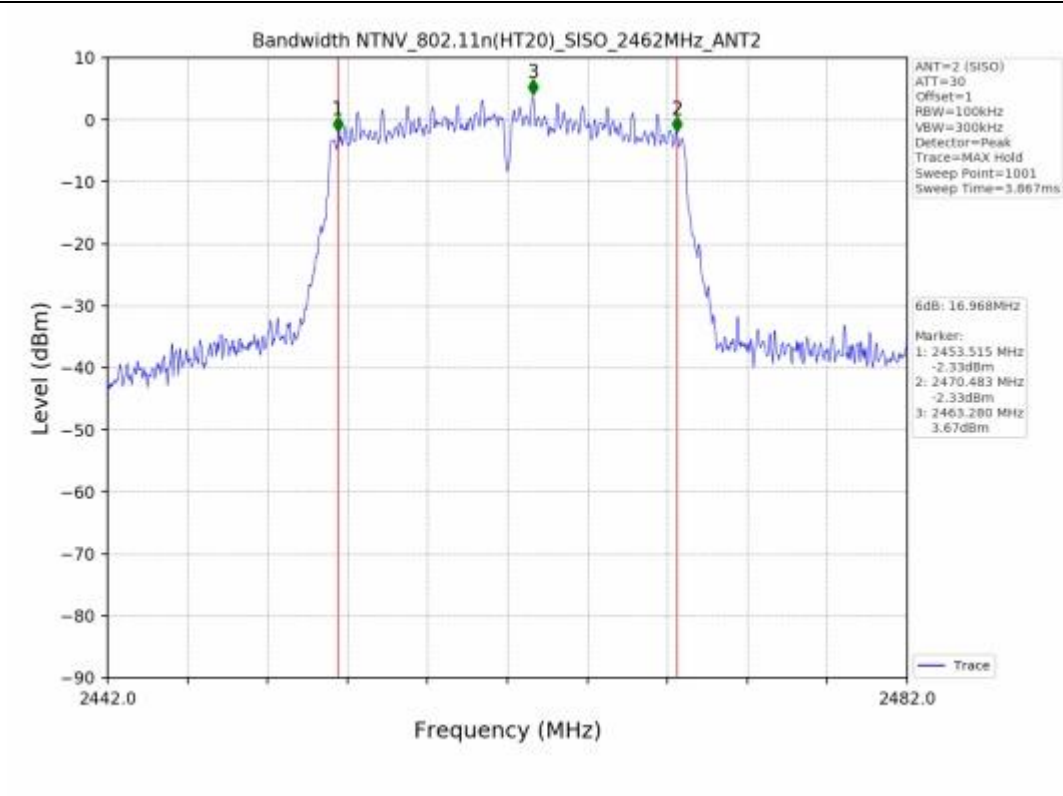
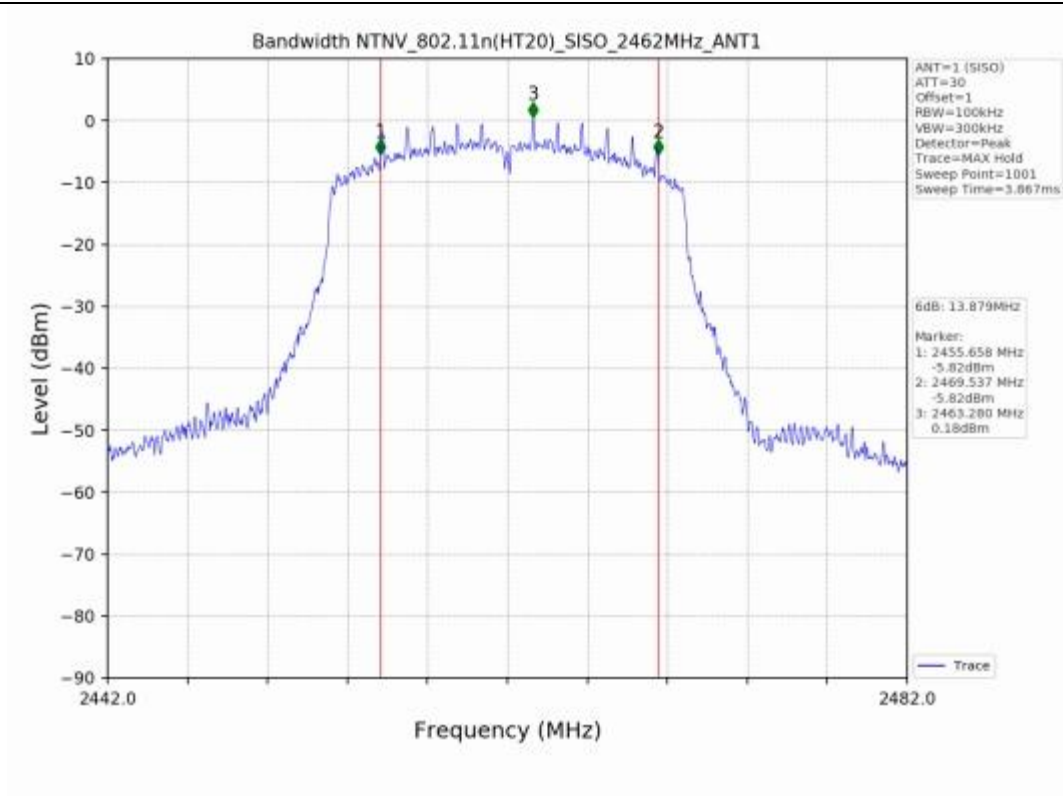


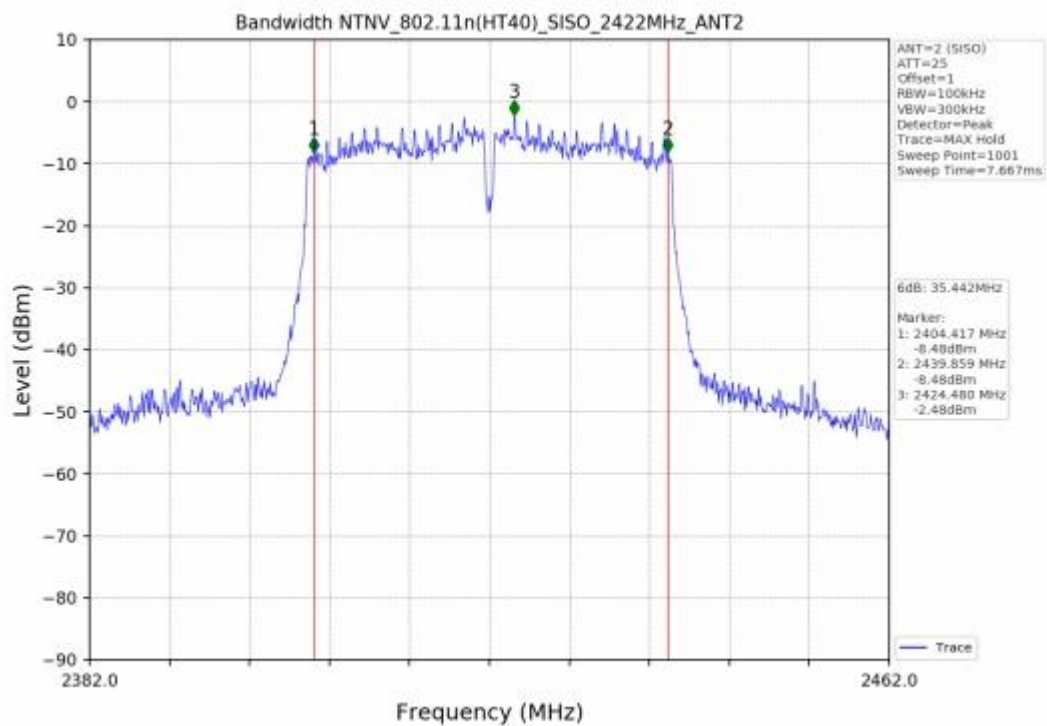
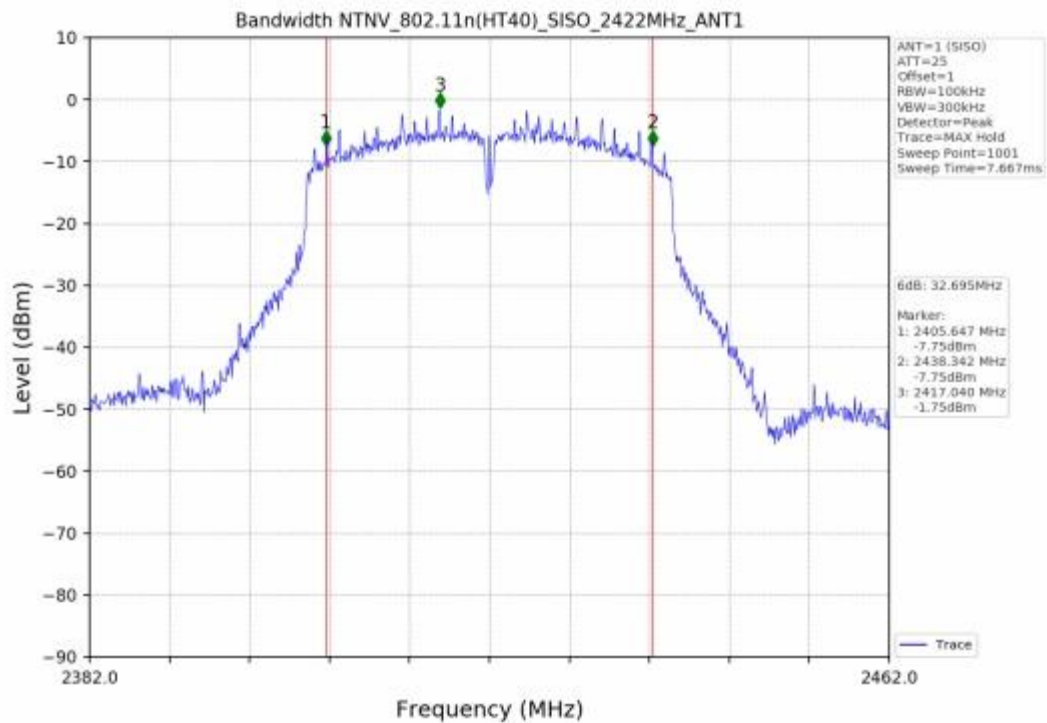


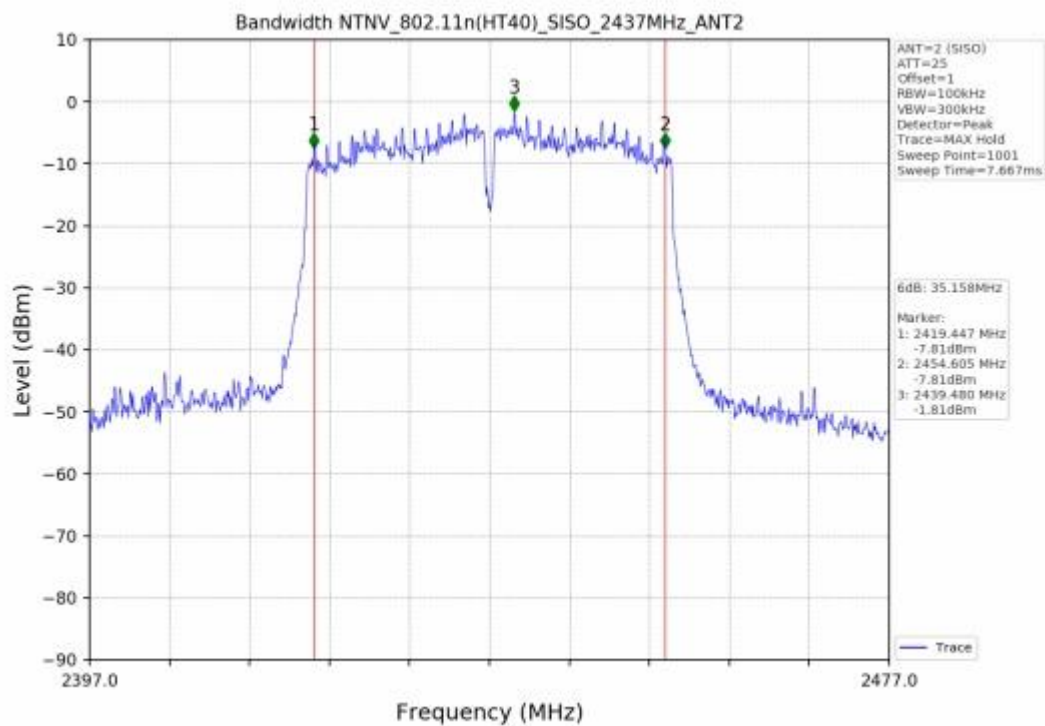
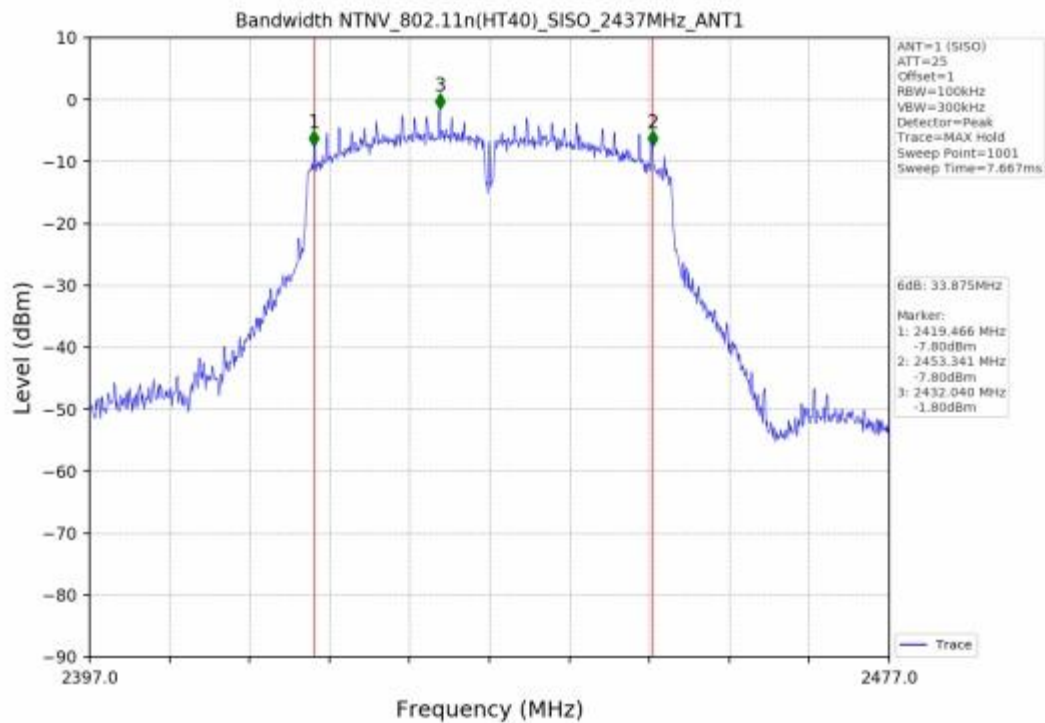


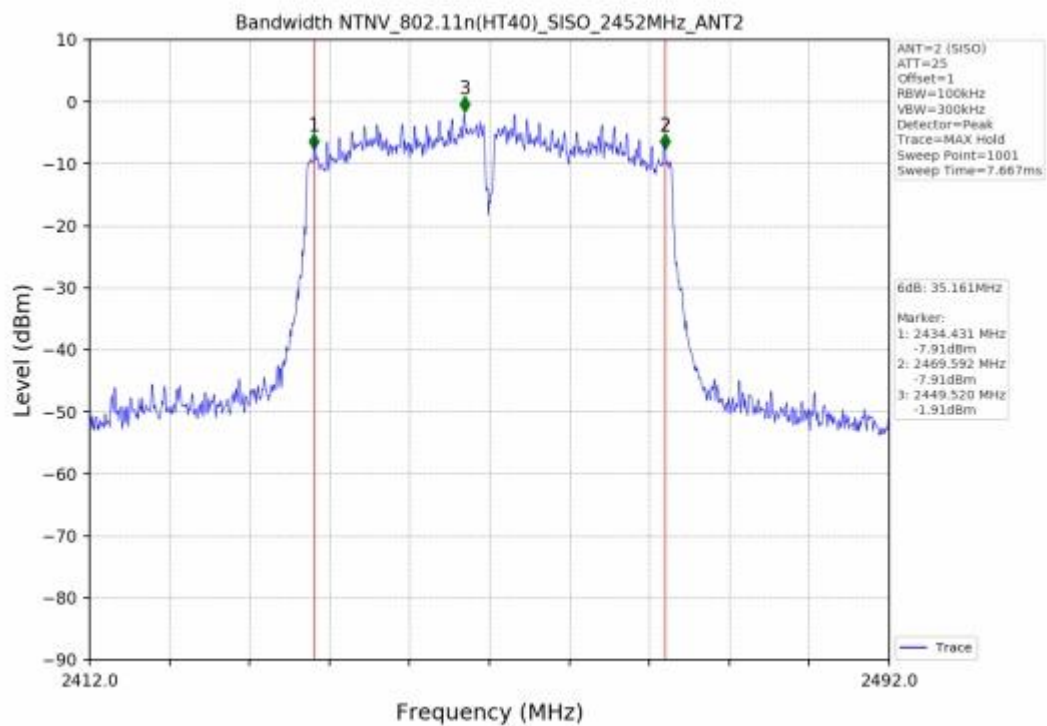
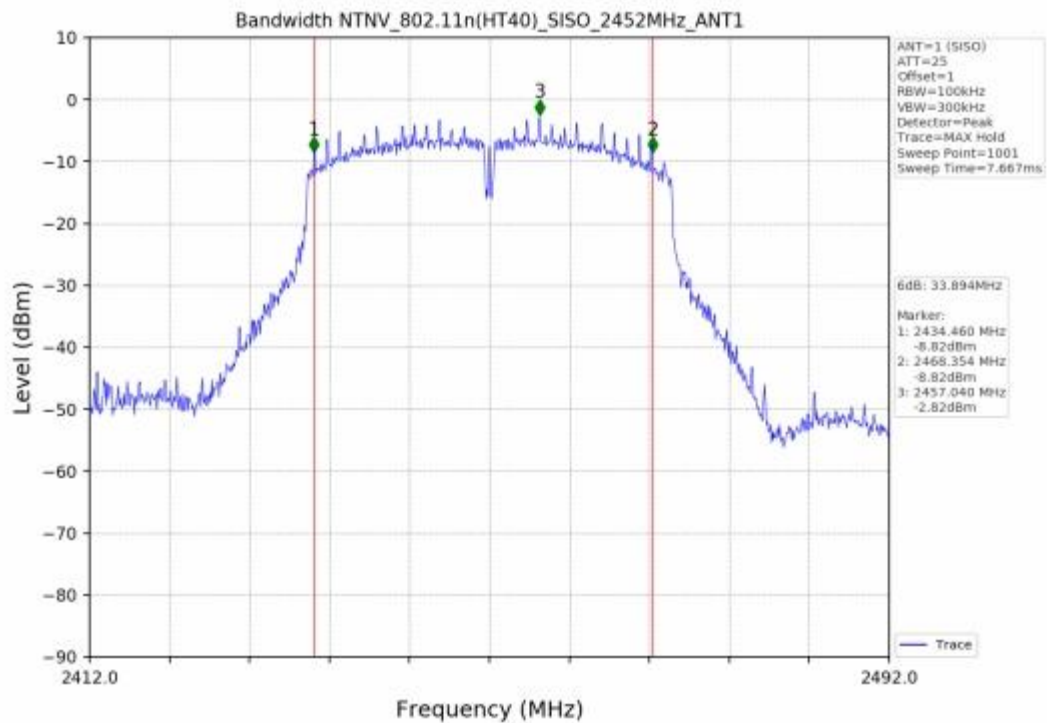




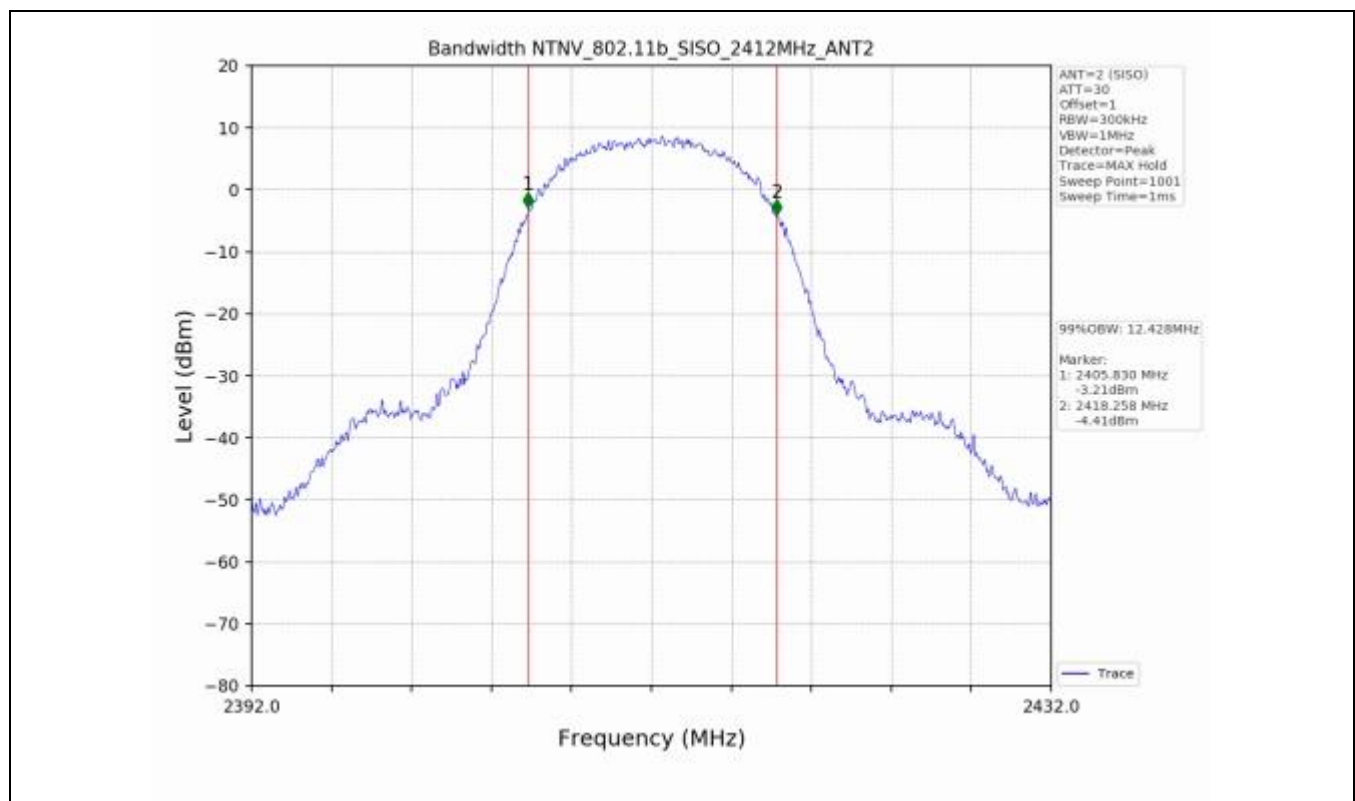
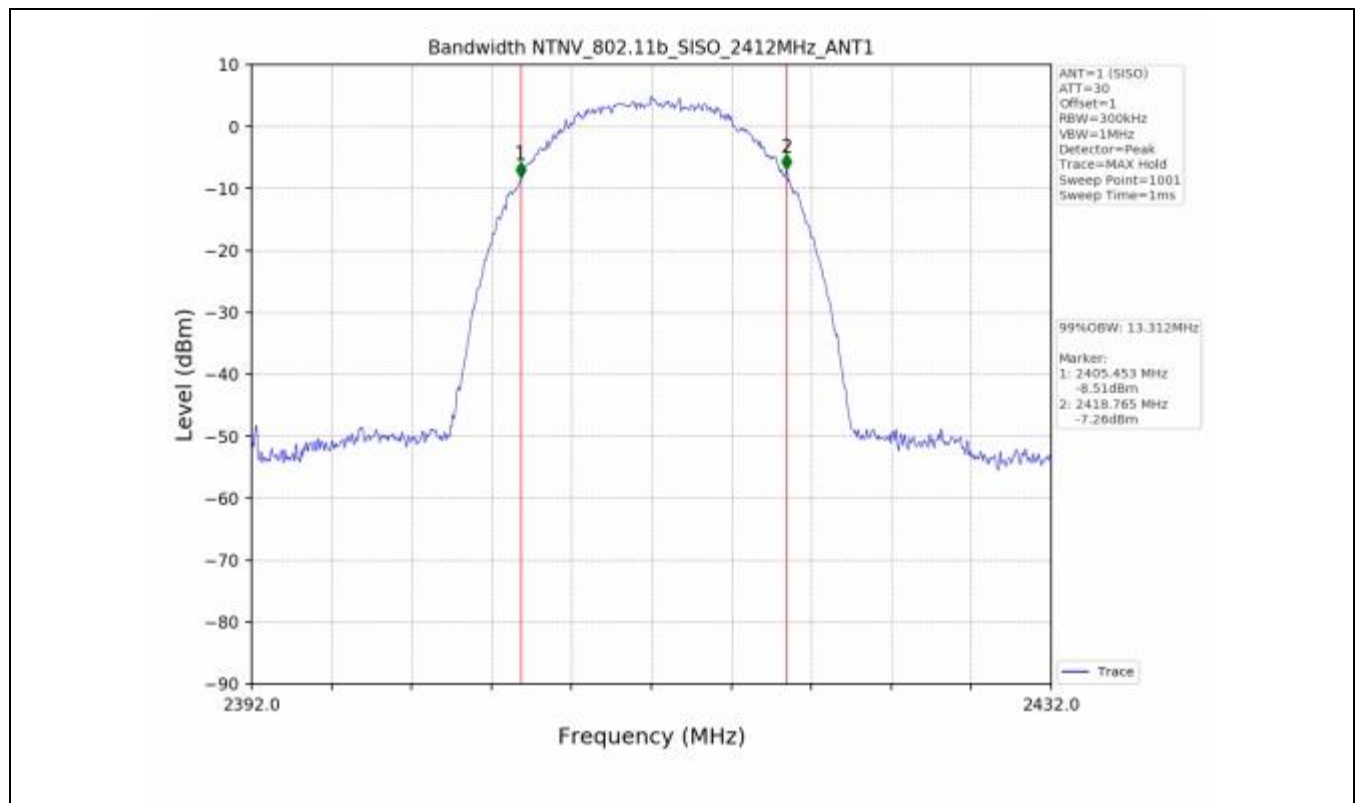


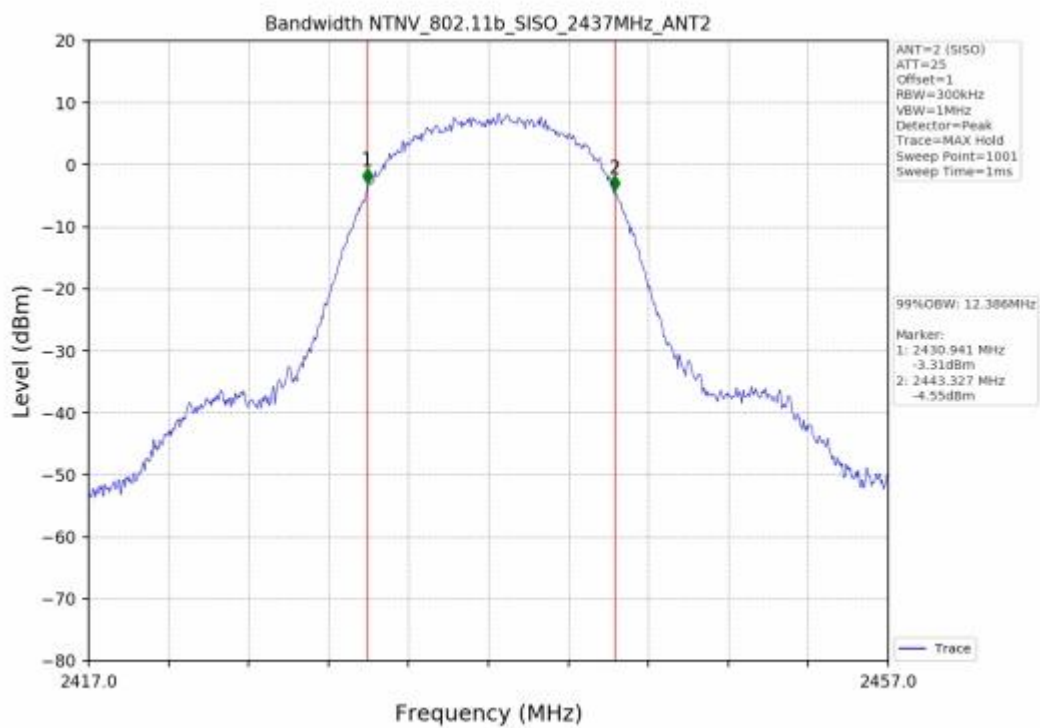
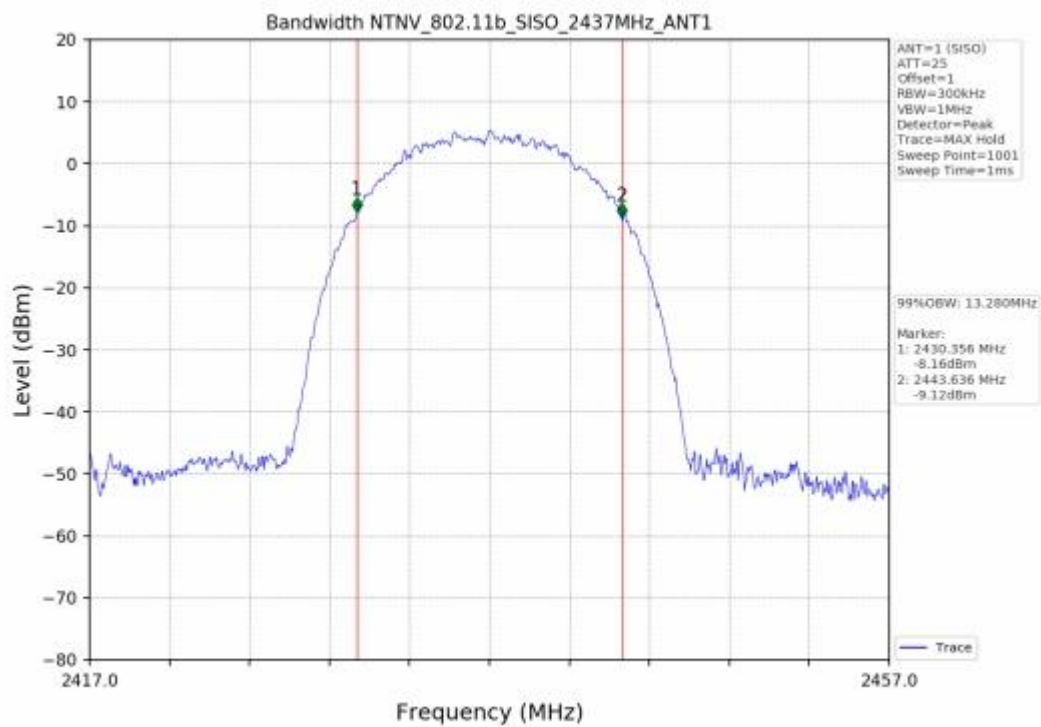


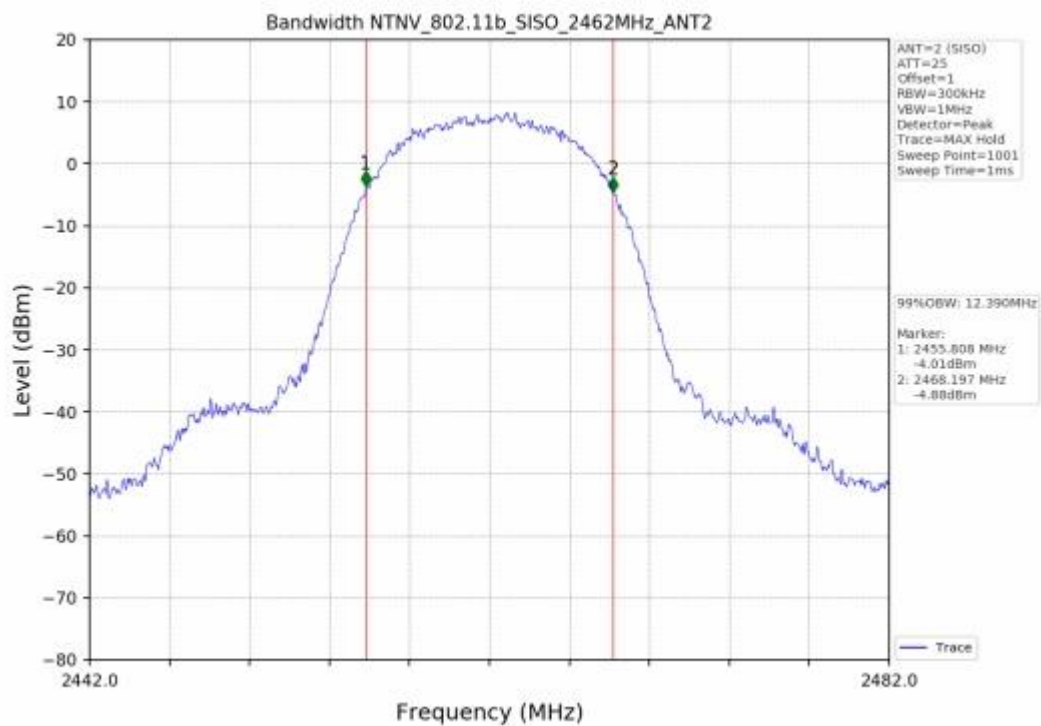
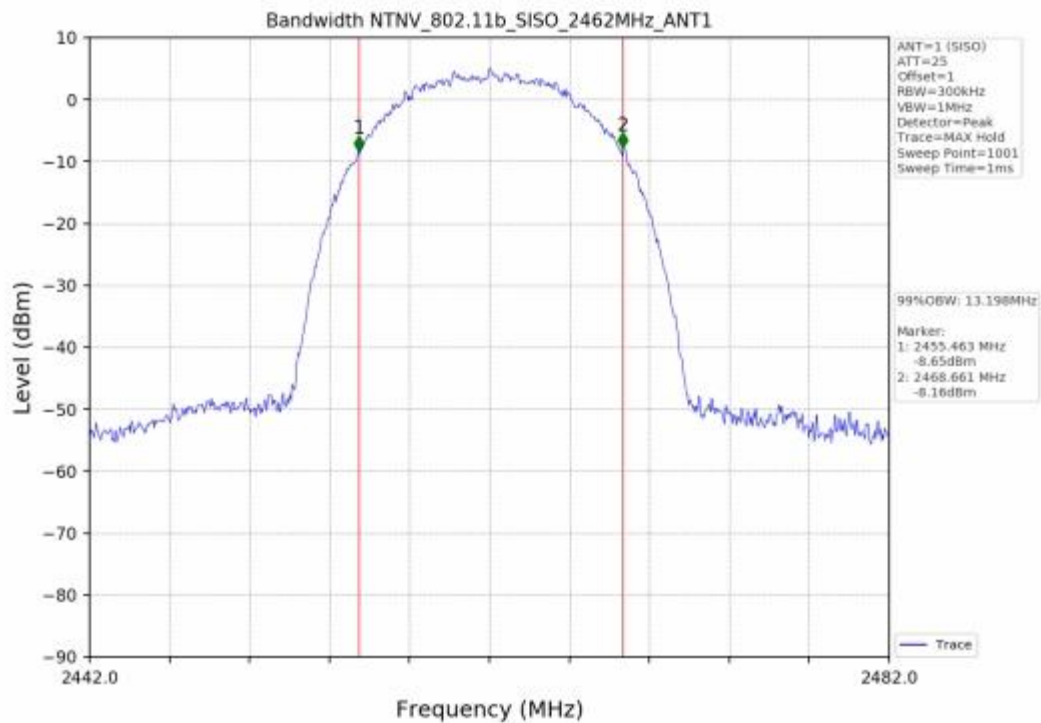


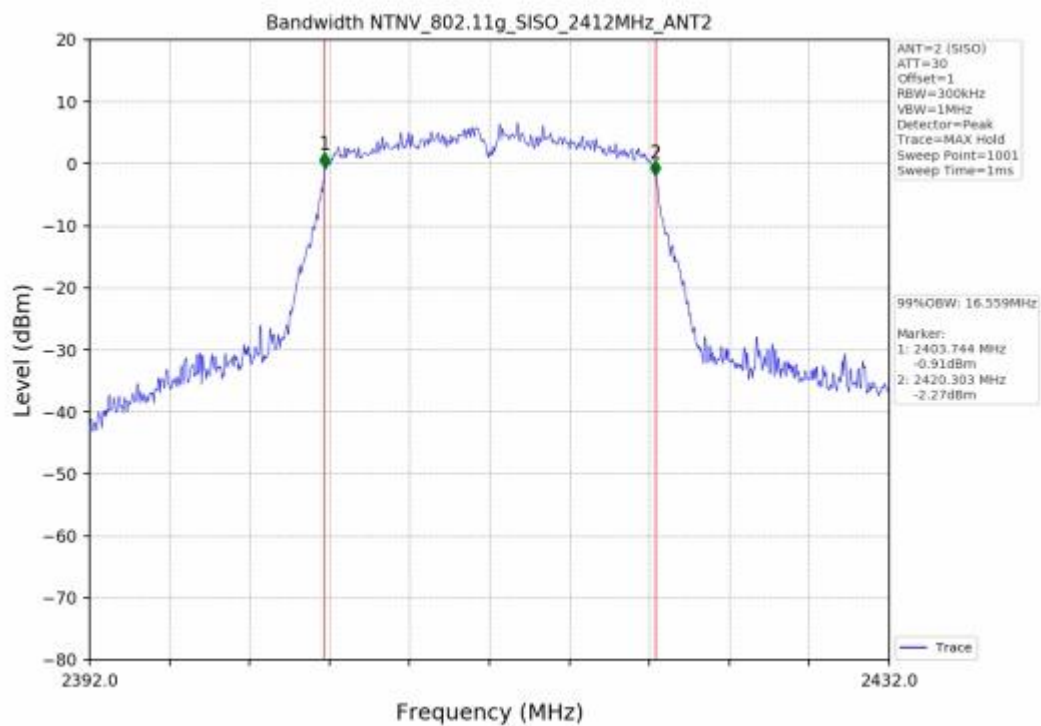
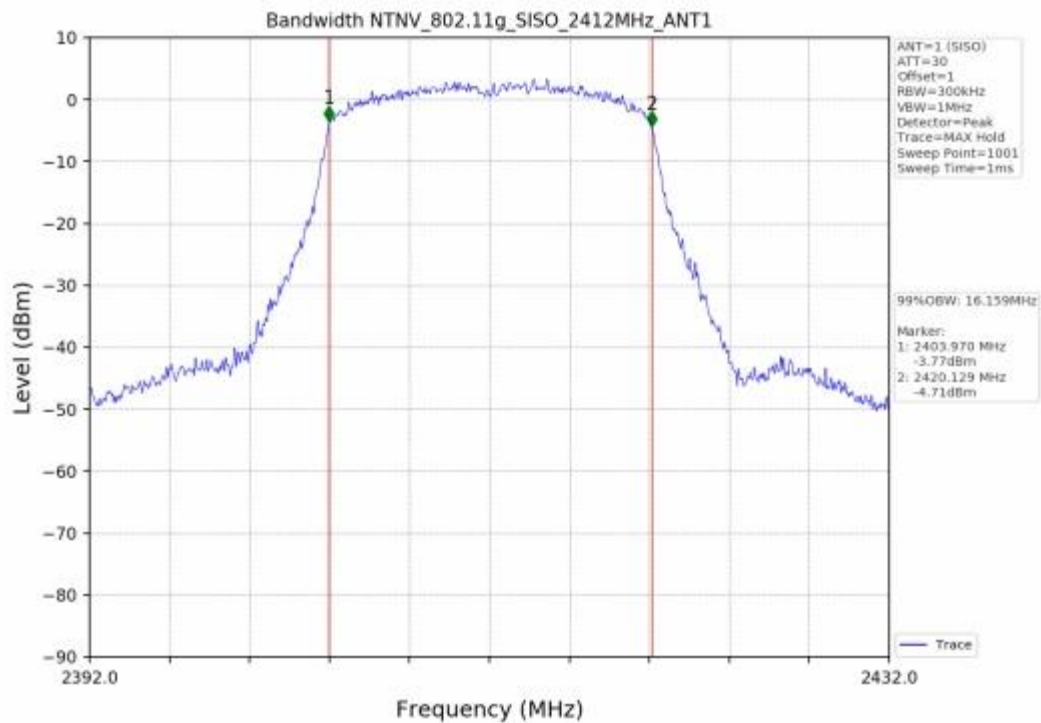


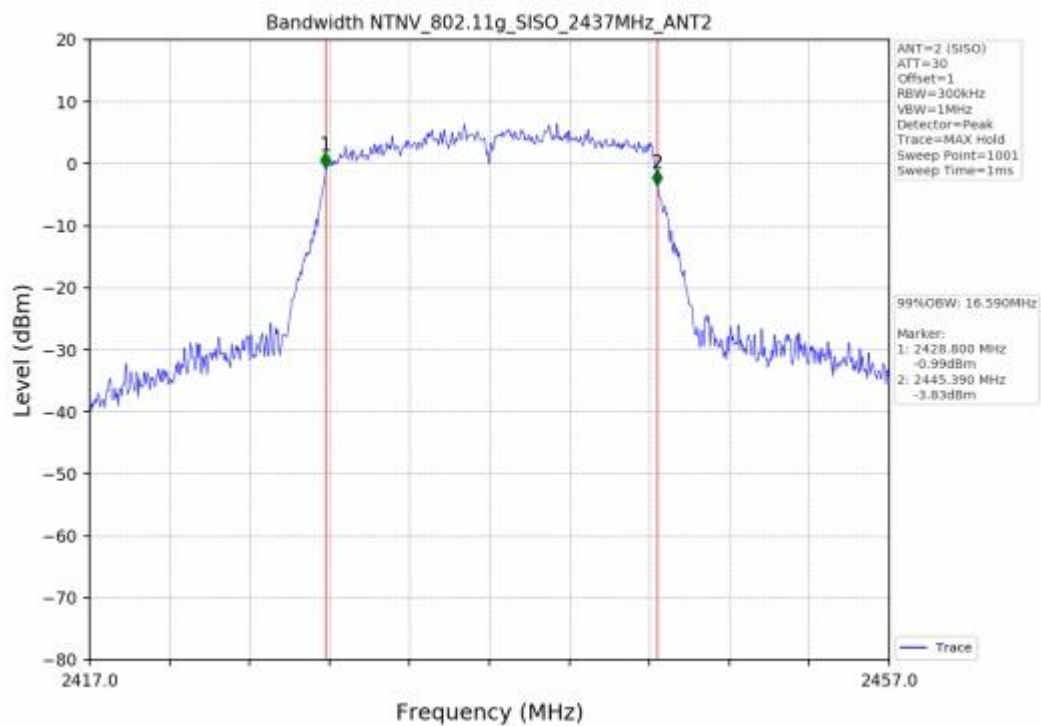
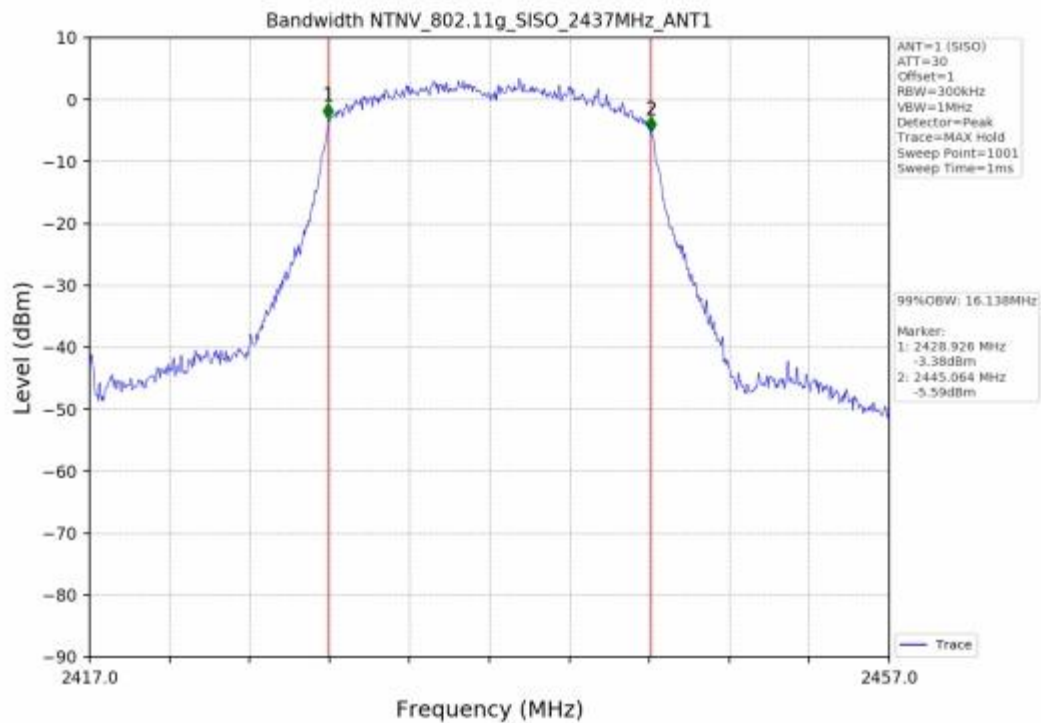
1.3 Test Graph - 99% Occupied Bandwidth

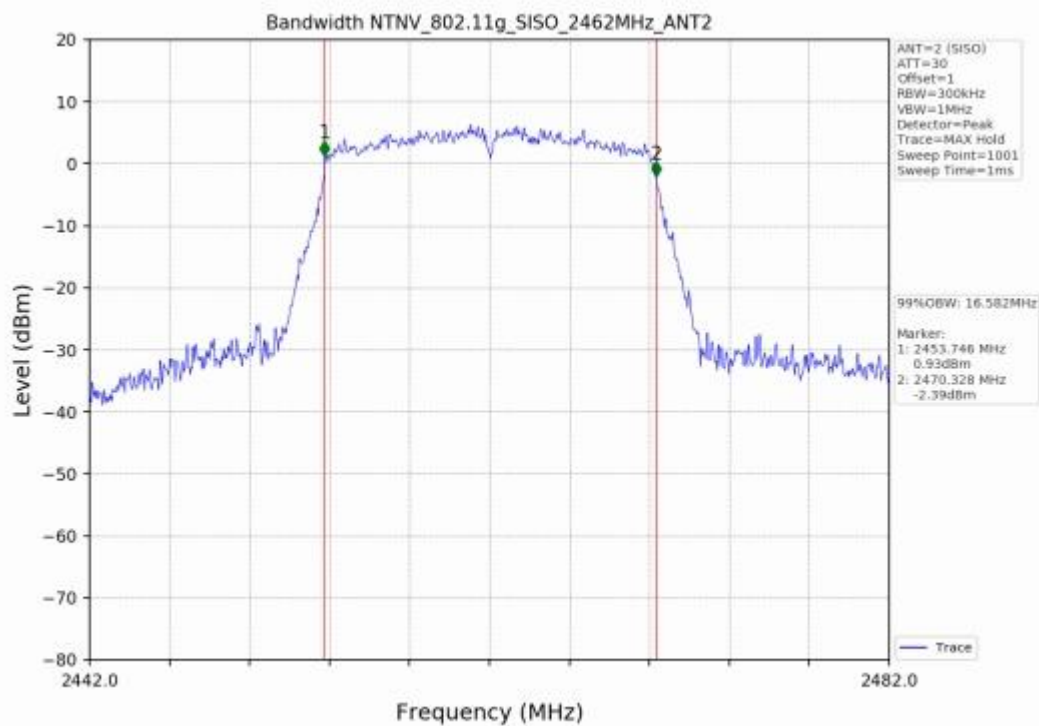
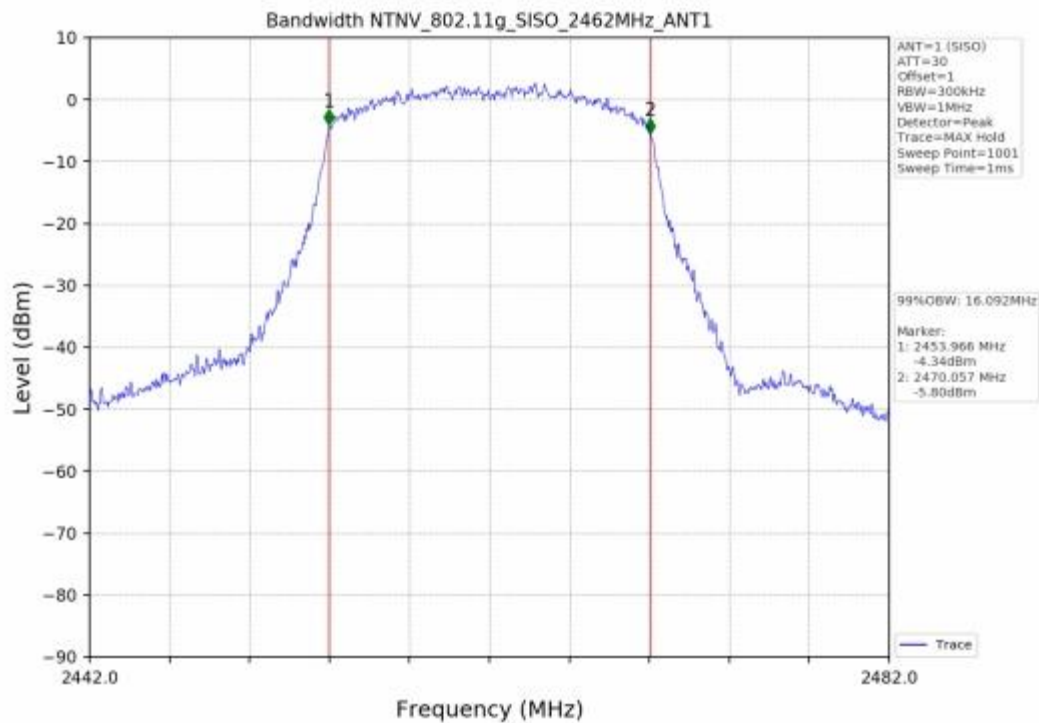


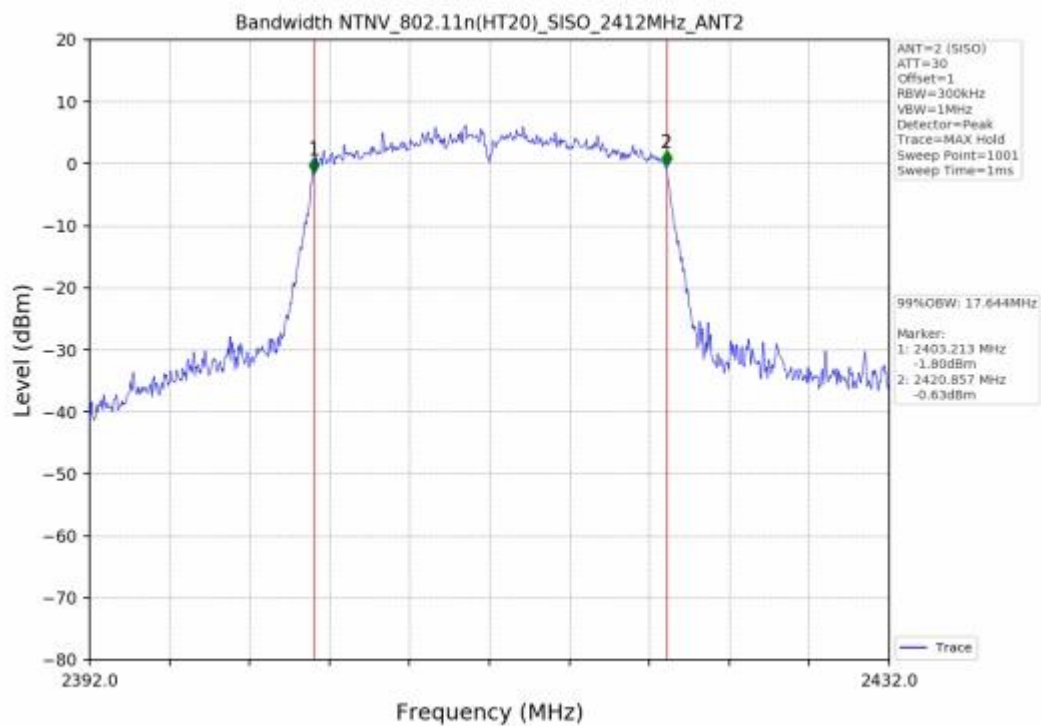
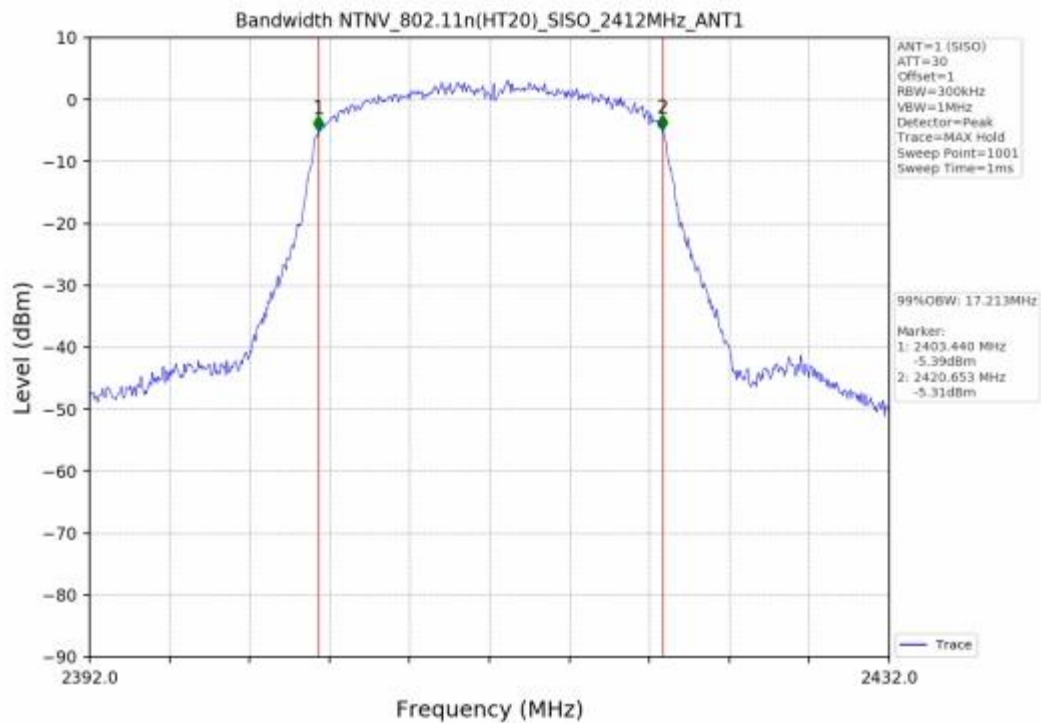


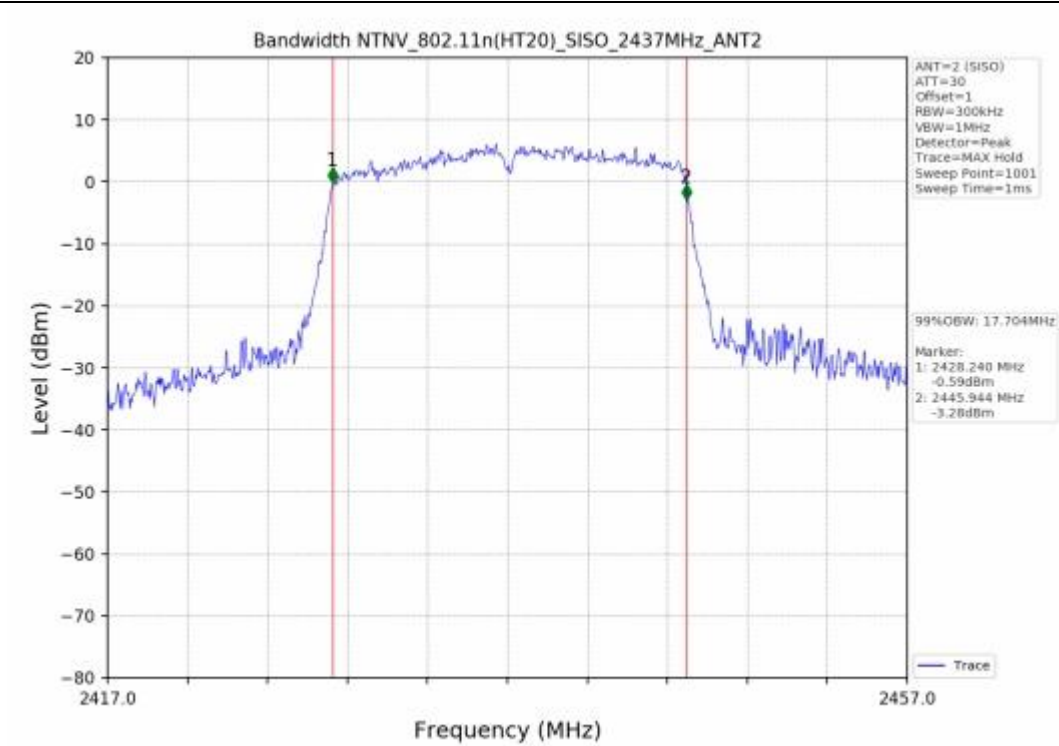
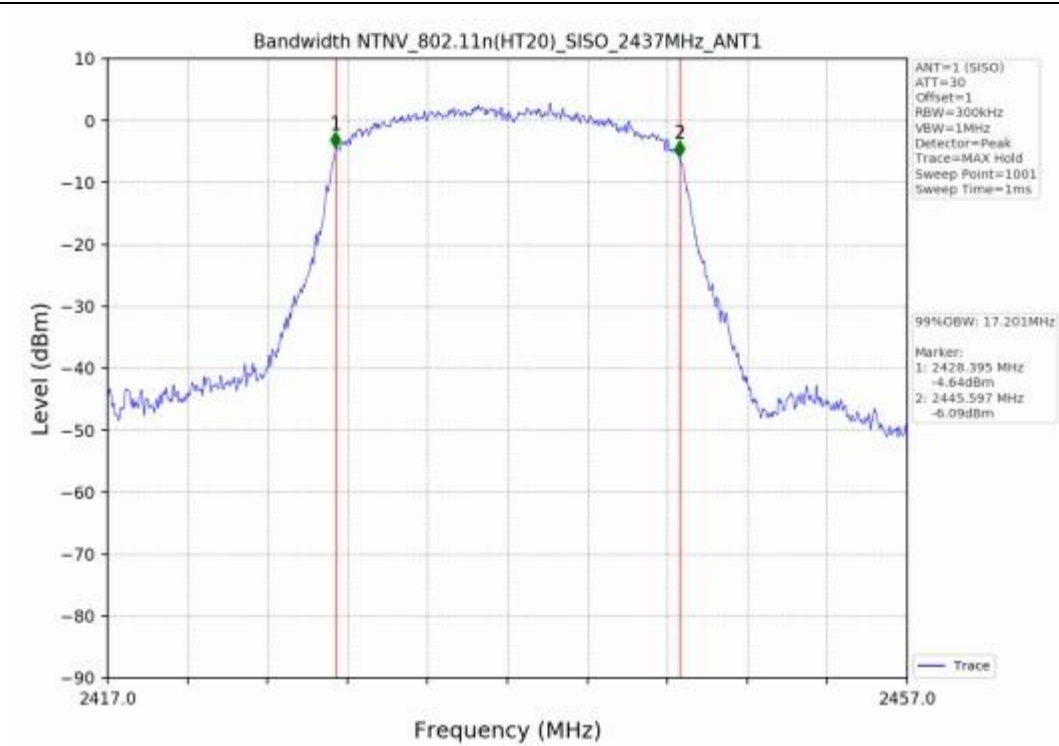


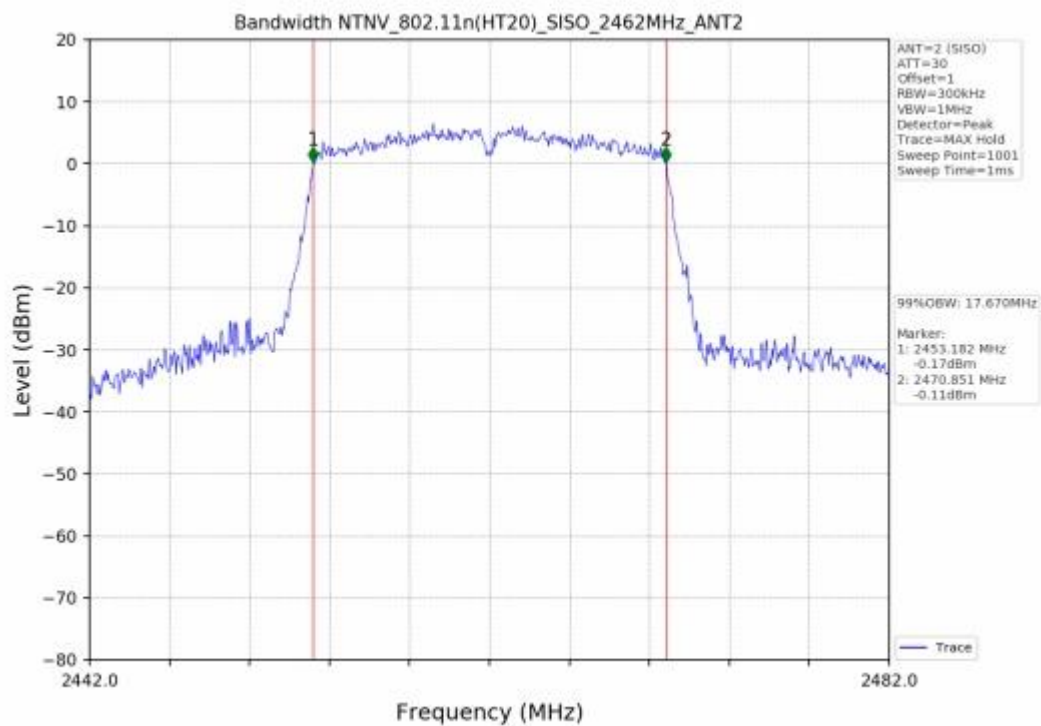
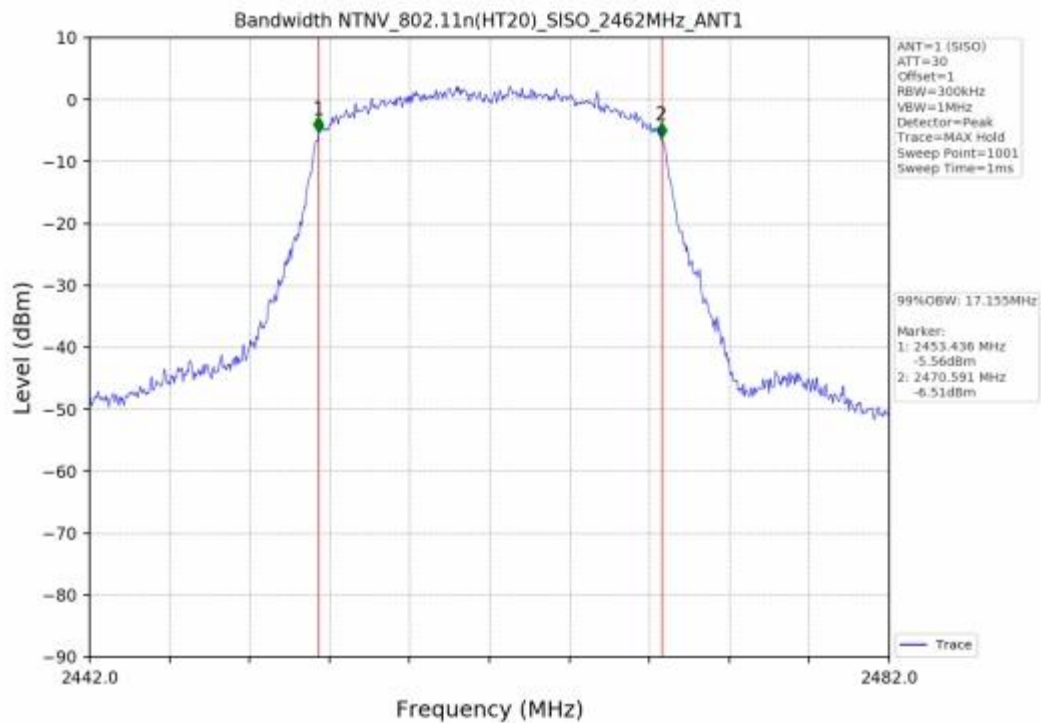


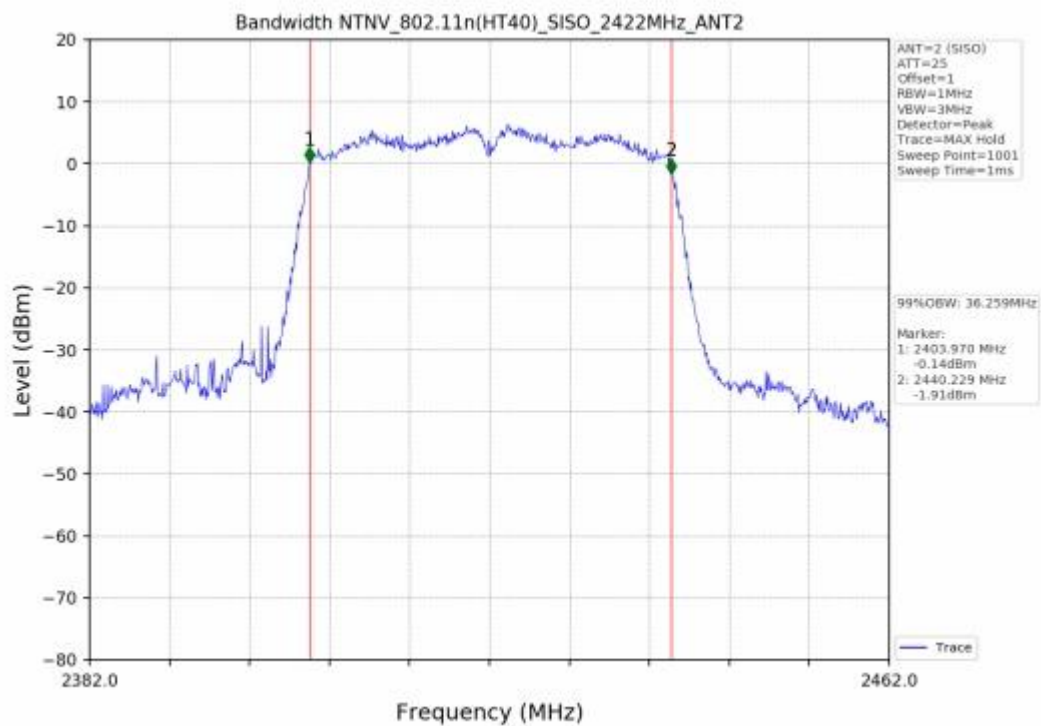
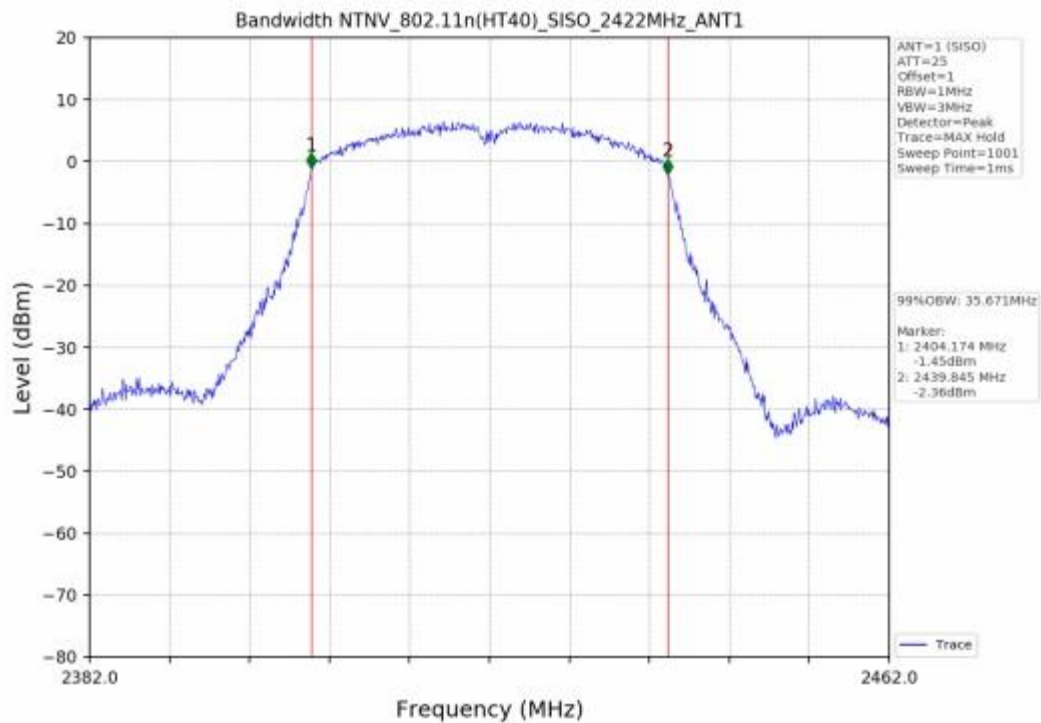


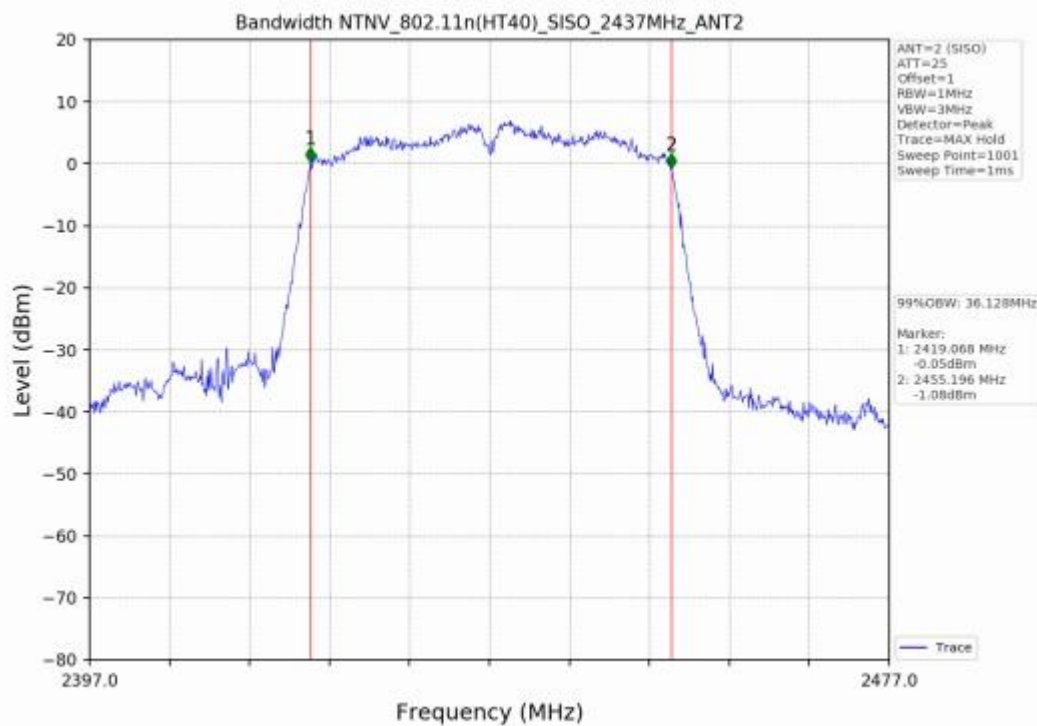
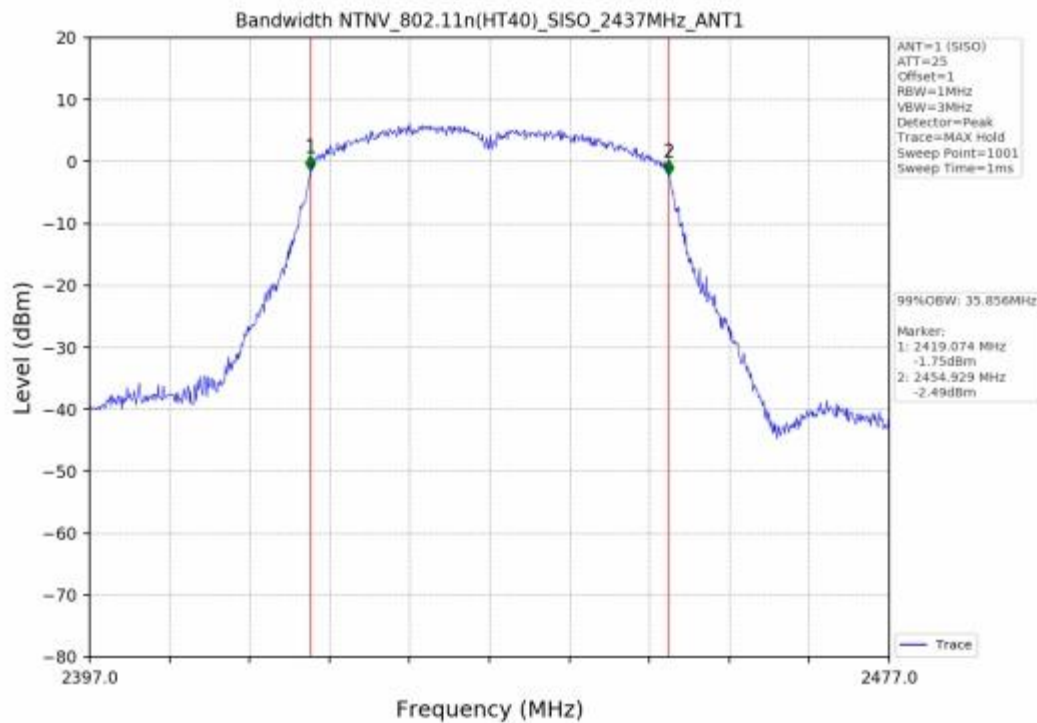


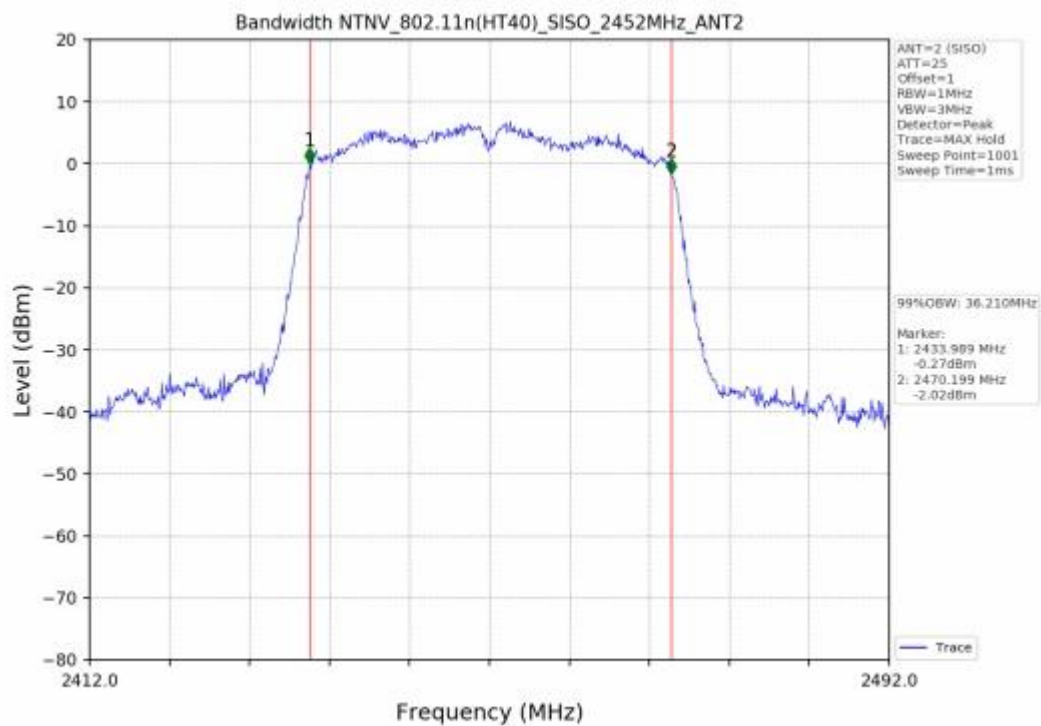
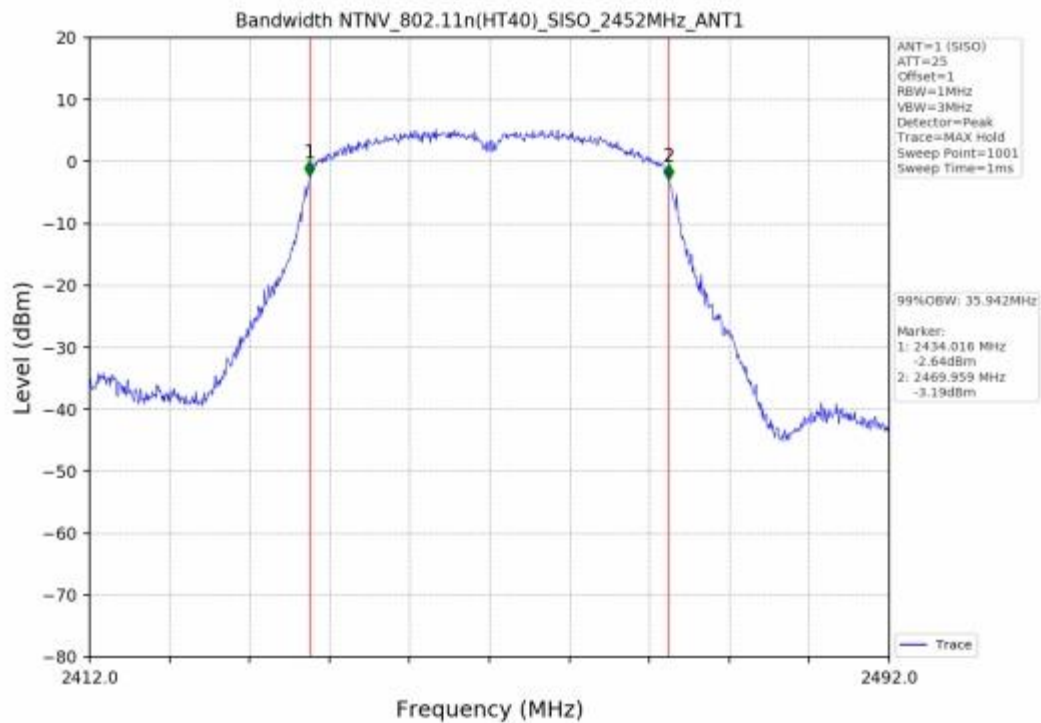










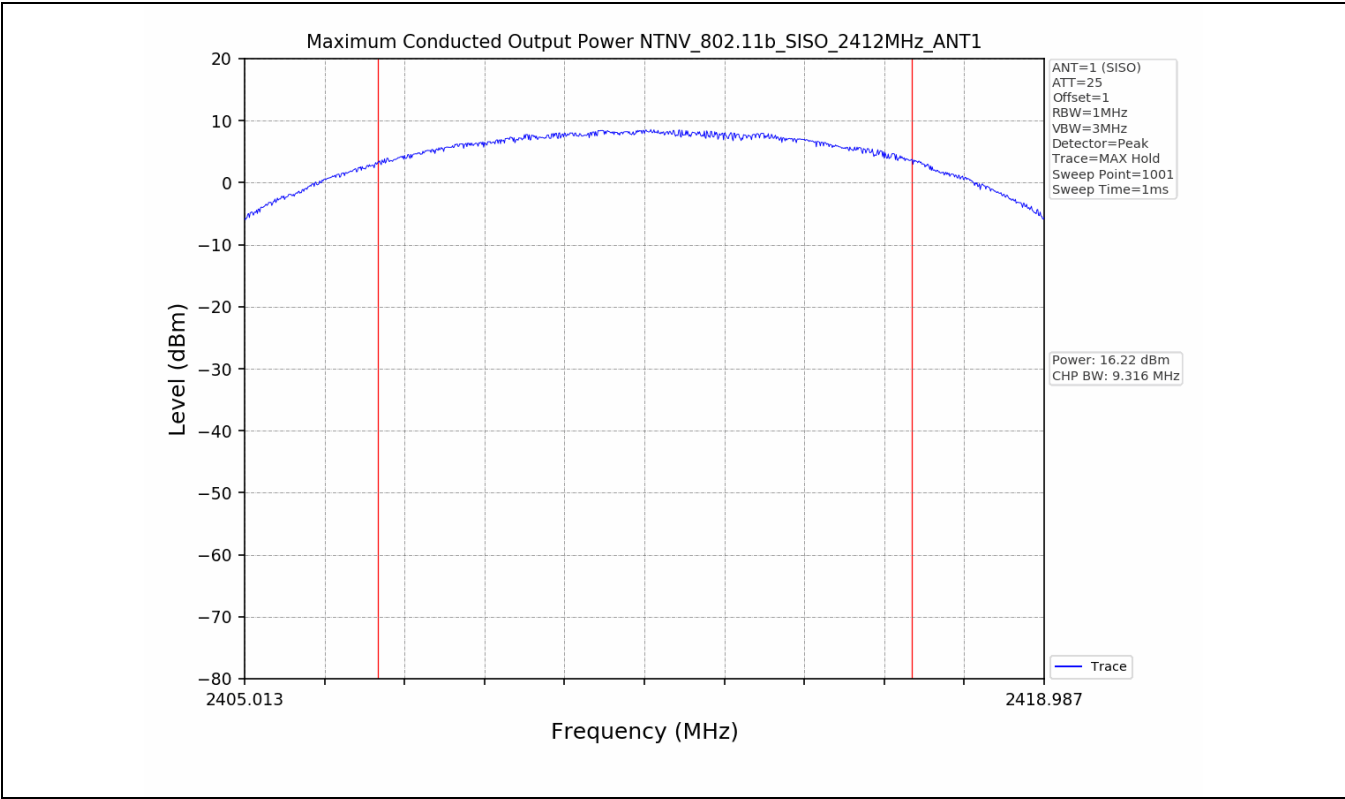


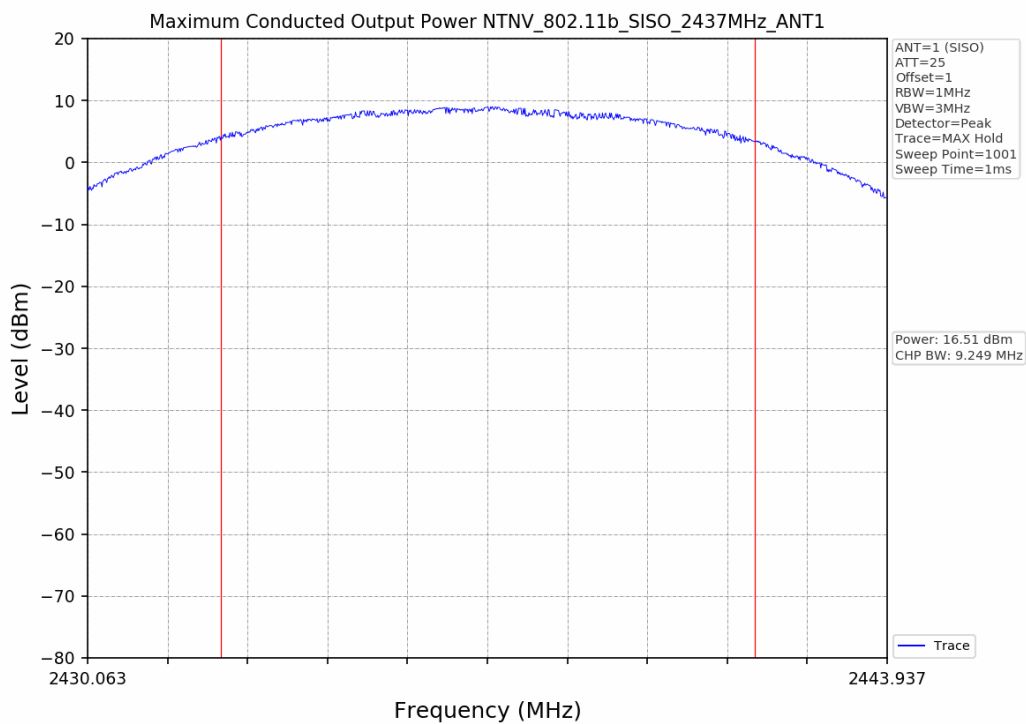
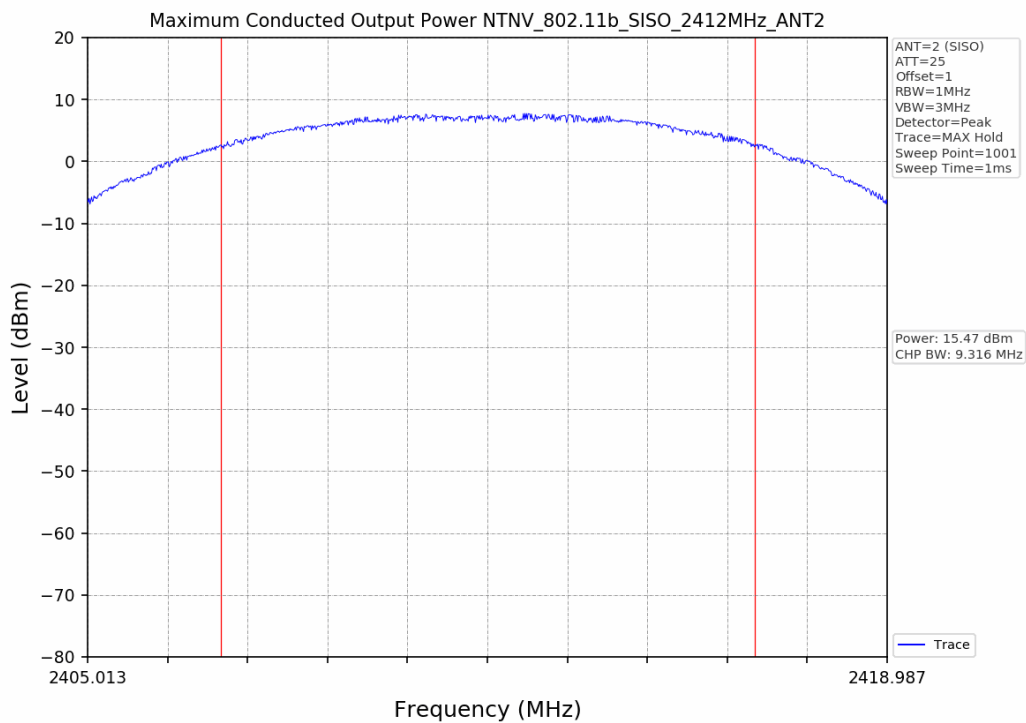
2. Maximum Conducted Output Power

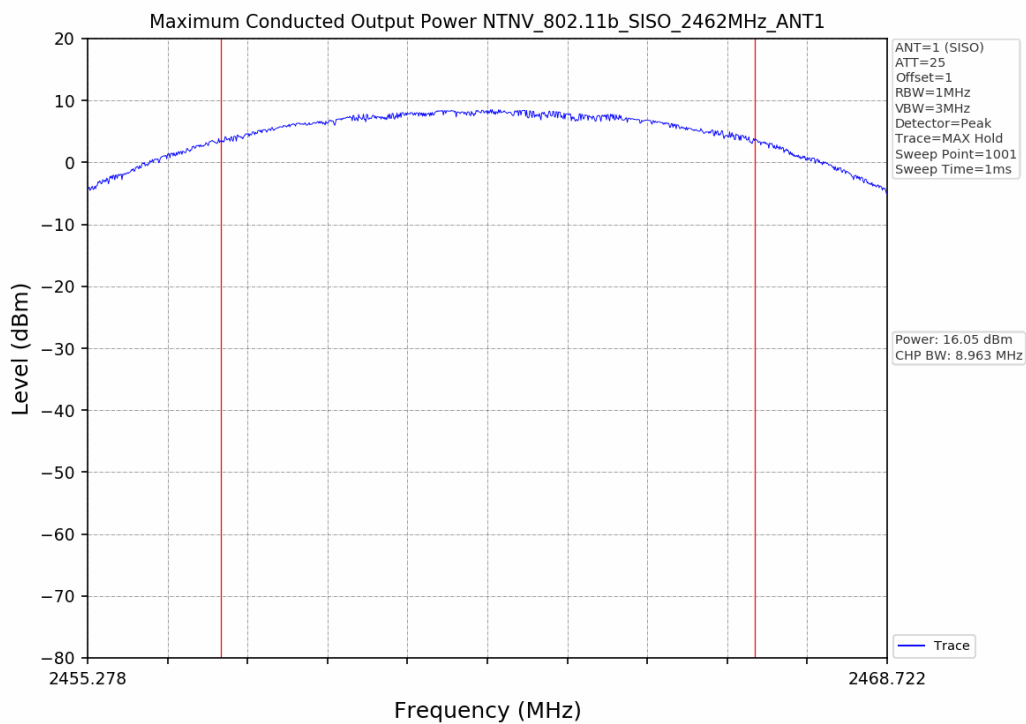
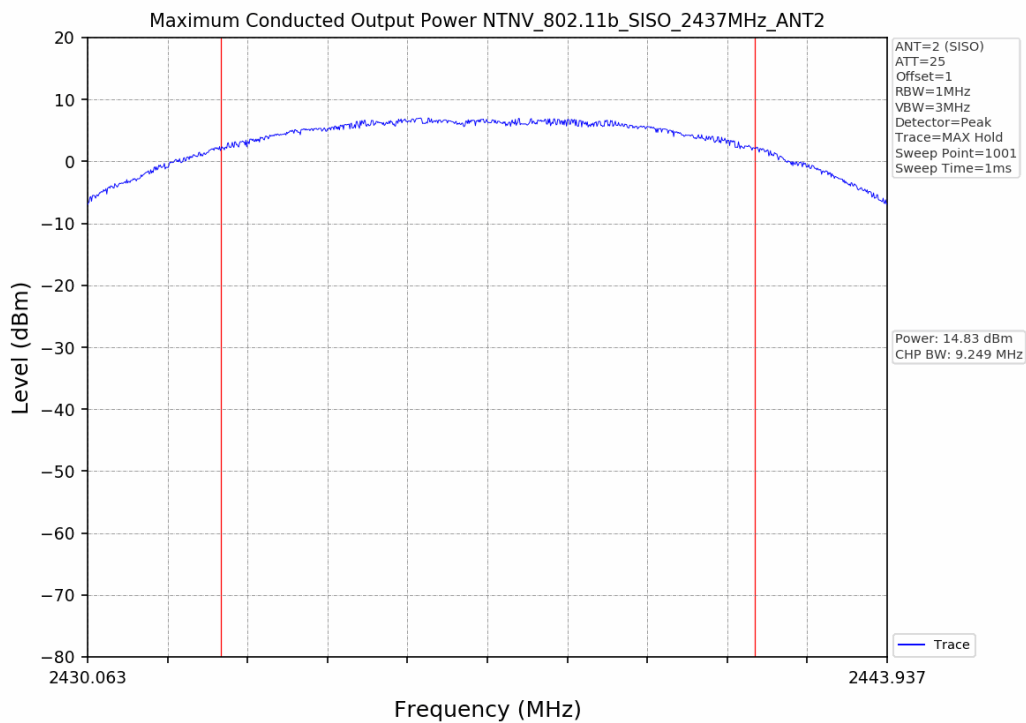
2.1 Test Result

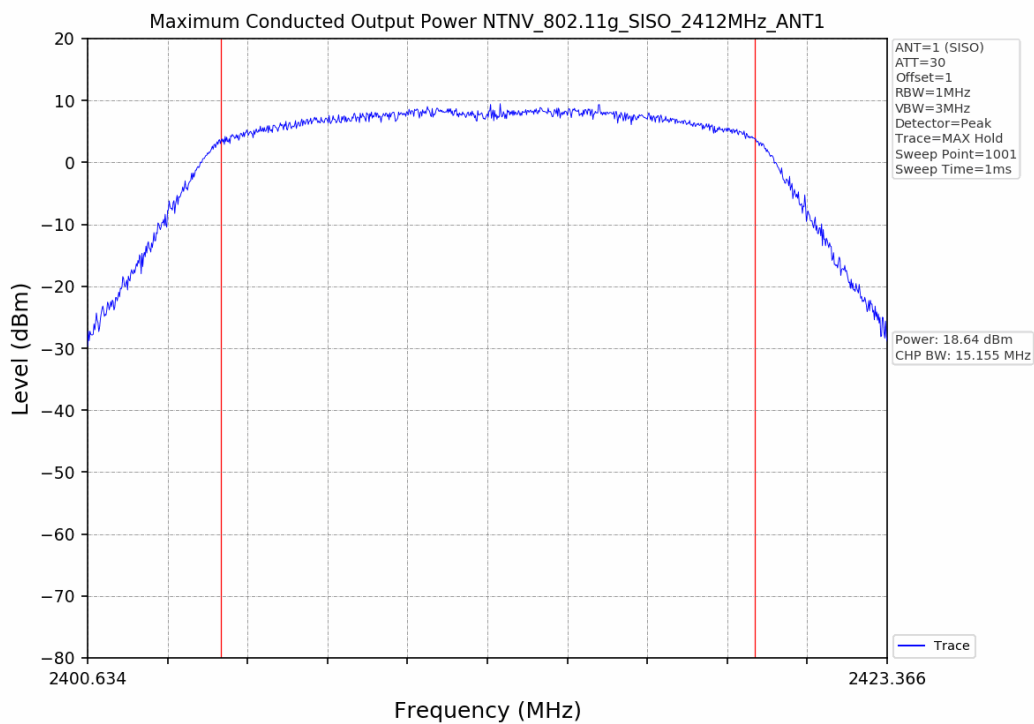
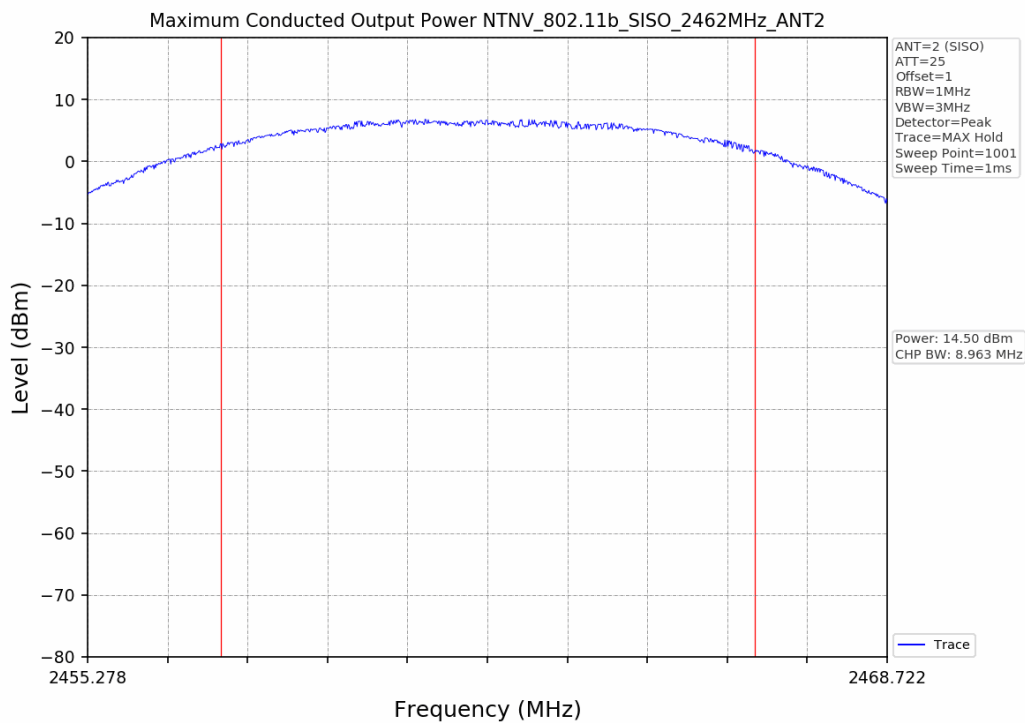
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)		Limits (dBm)	Verdict
			Ant 1	Ant 2		
802.11b	2412	SISO	16.22	15.47	30	PASS
	2437	SISO	16.51	14.83	30	PASS
	2462	SISO	16.05	14.50	30	PASS
802.11g	2412	SISO	18.64	17.90	30	PASS
	2437	SISO	18.30	16.67	30	PASS
	2462	SISO	17.78	16.39	30	PASS
802.11n(HT20)	2412	SISO	18.27	17.51	30	PASS
	2437	SISO	17.93	16.62	30	PASS
	2462	SISO	17.24	15.83	30	PASS
802.11n(HT40)	2422	SISO	18.95	17.79	30	PASS
	2437	SISO	18.59	17.23	30	PASS
	2452	SISO	18.12	17.00	30	PASS

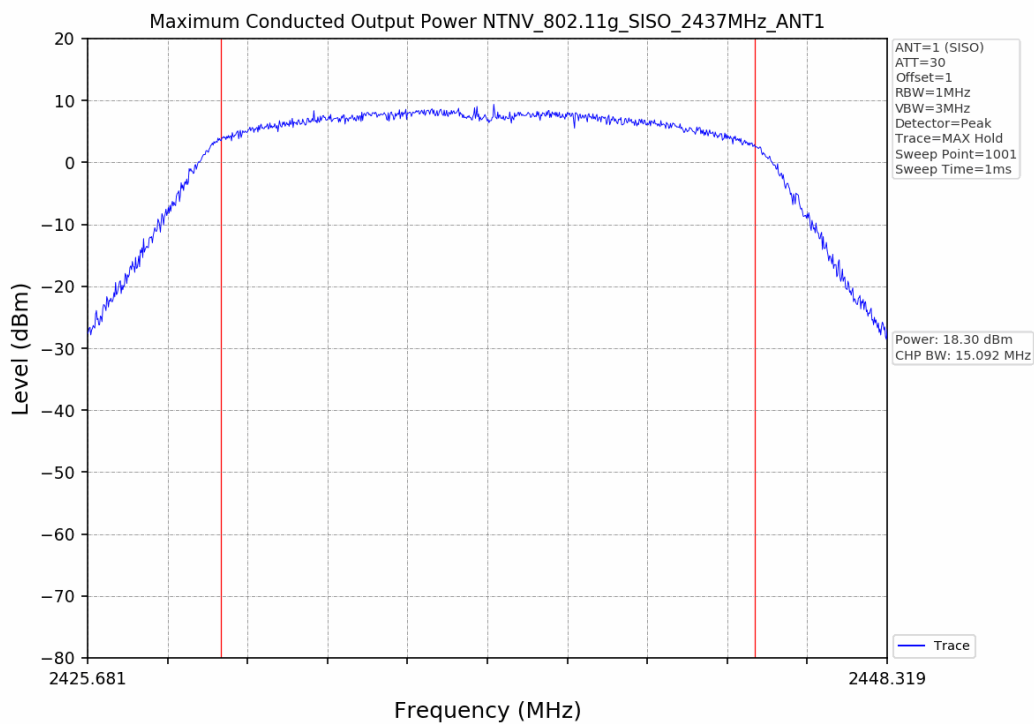
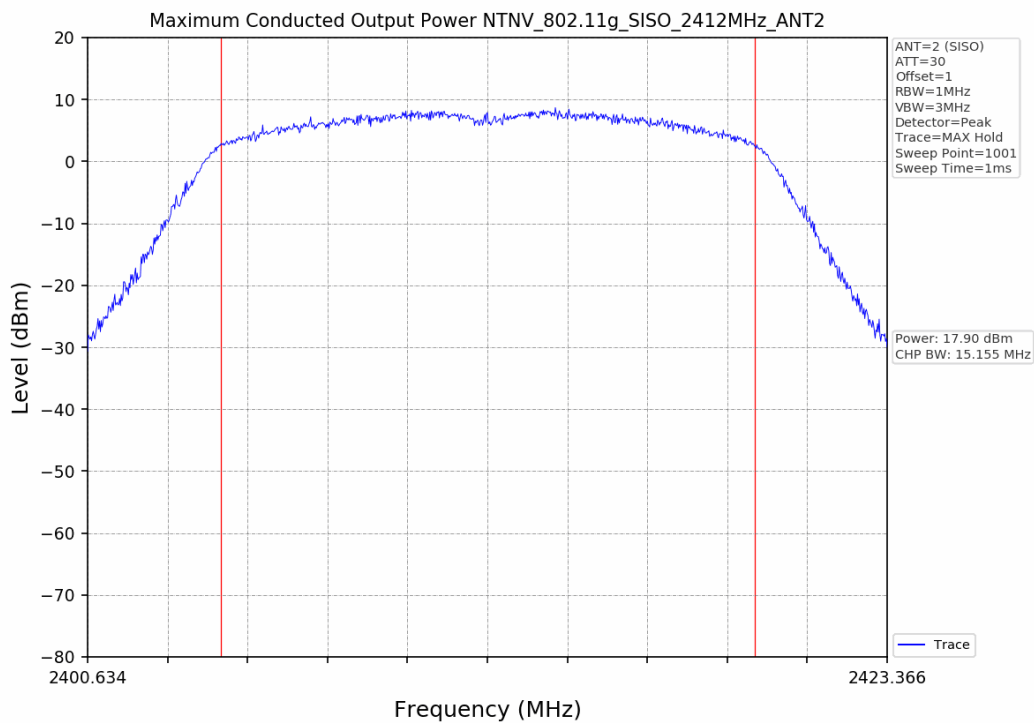
2.2 Test Graph

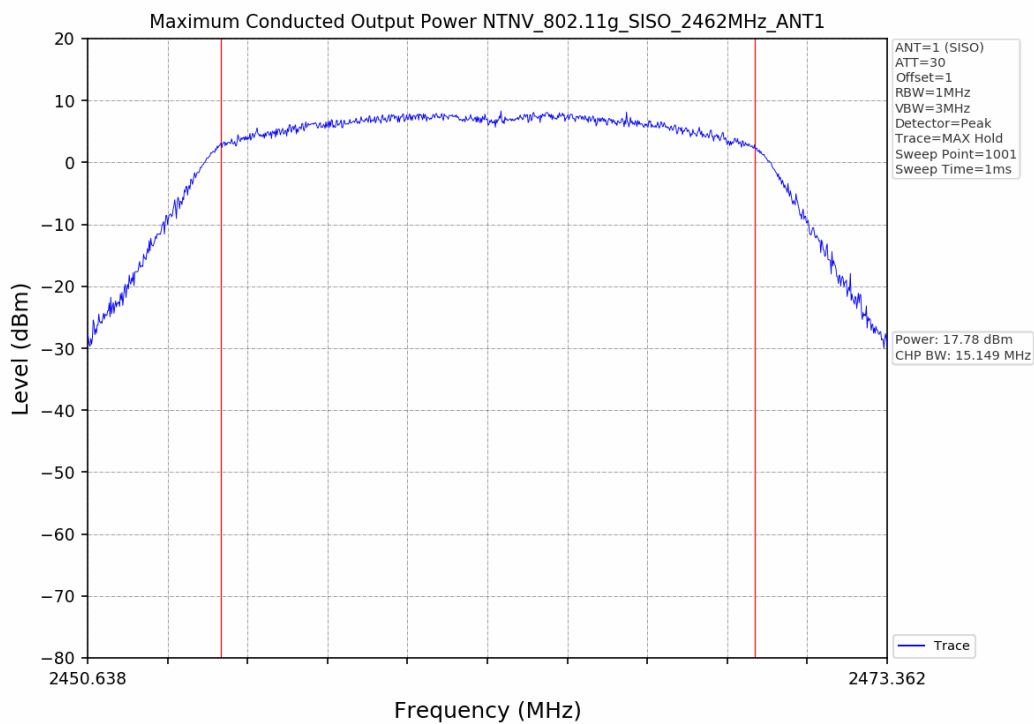
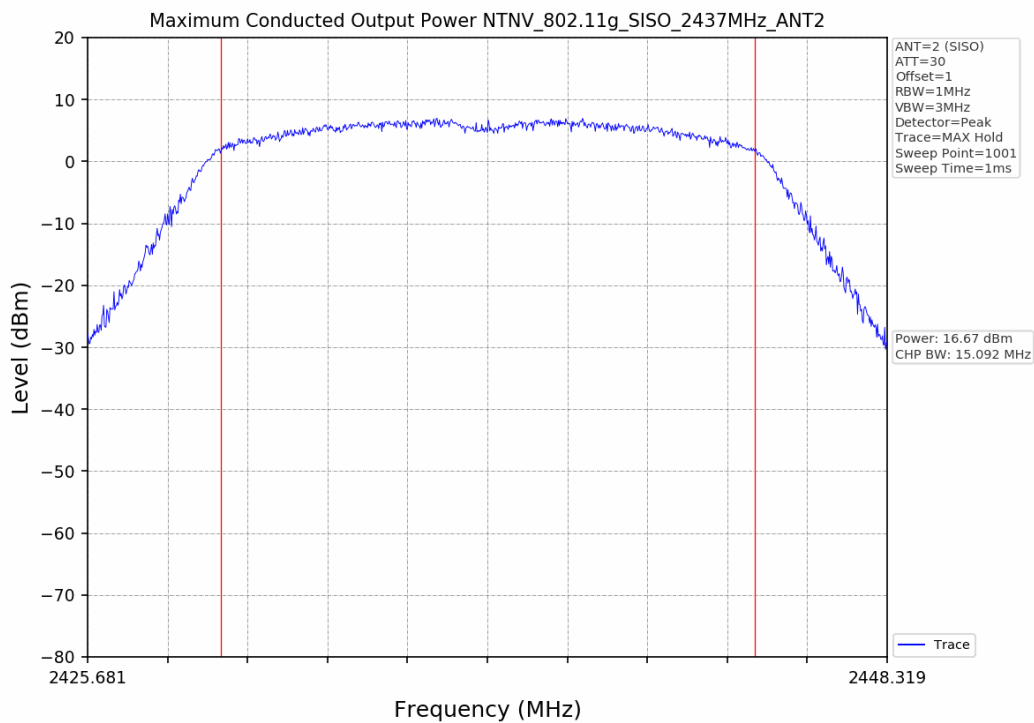


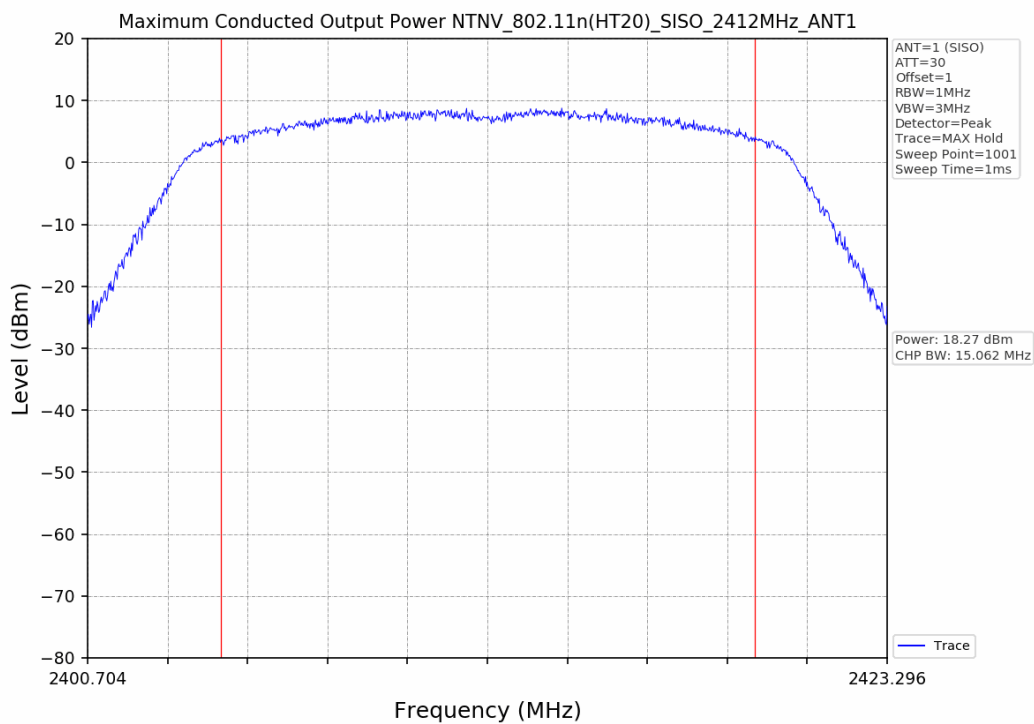
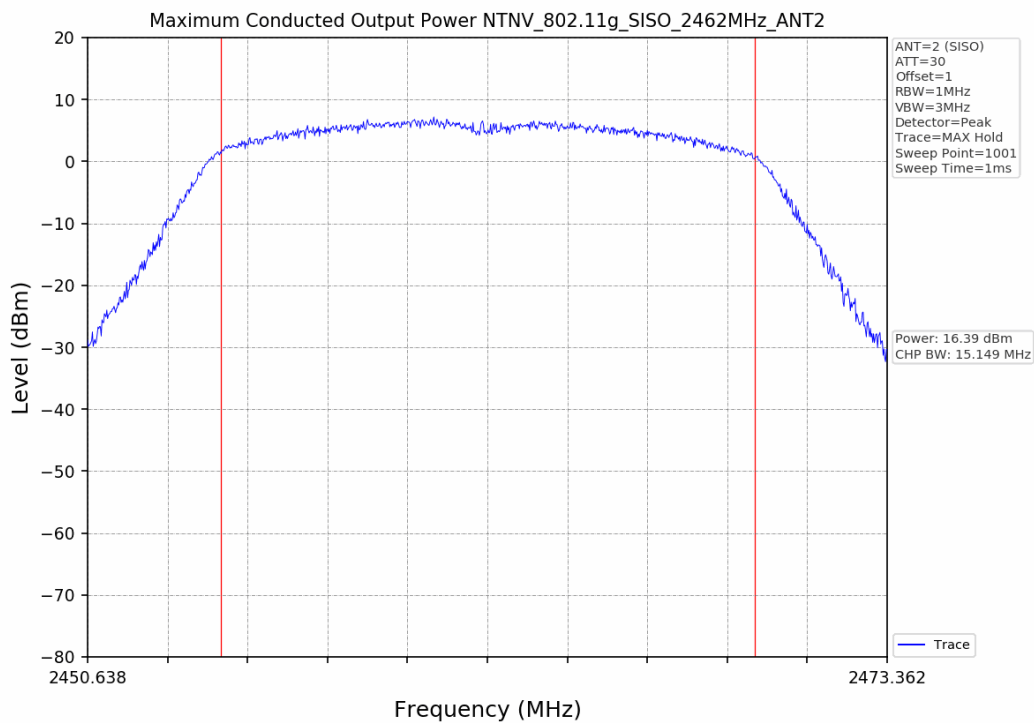


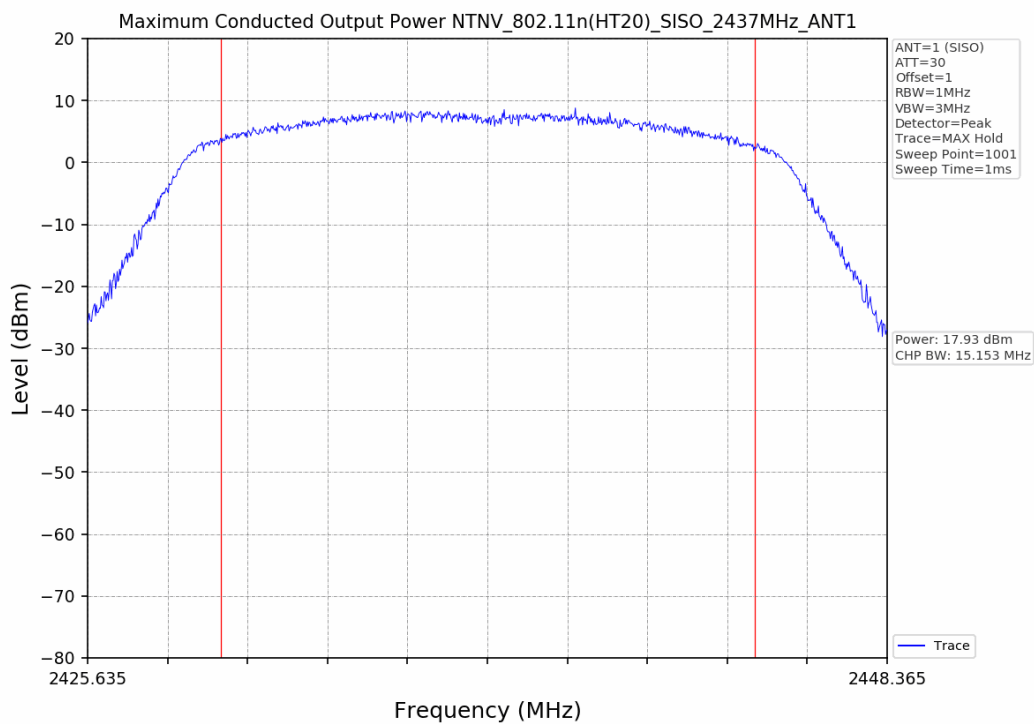
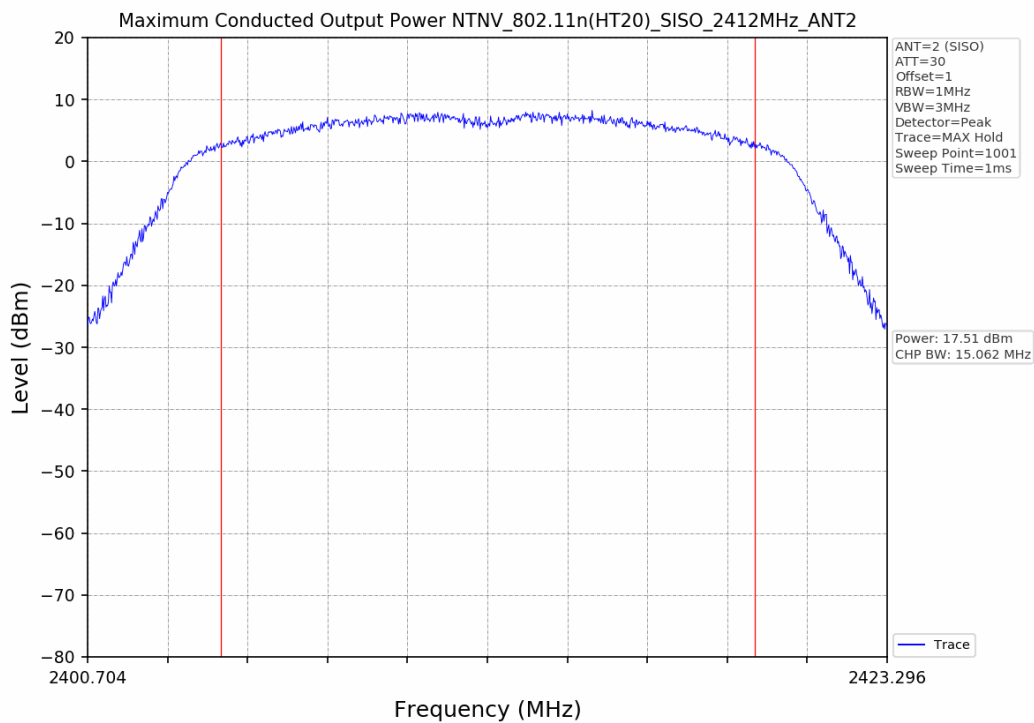


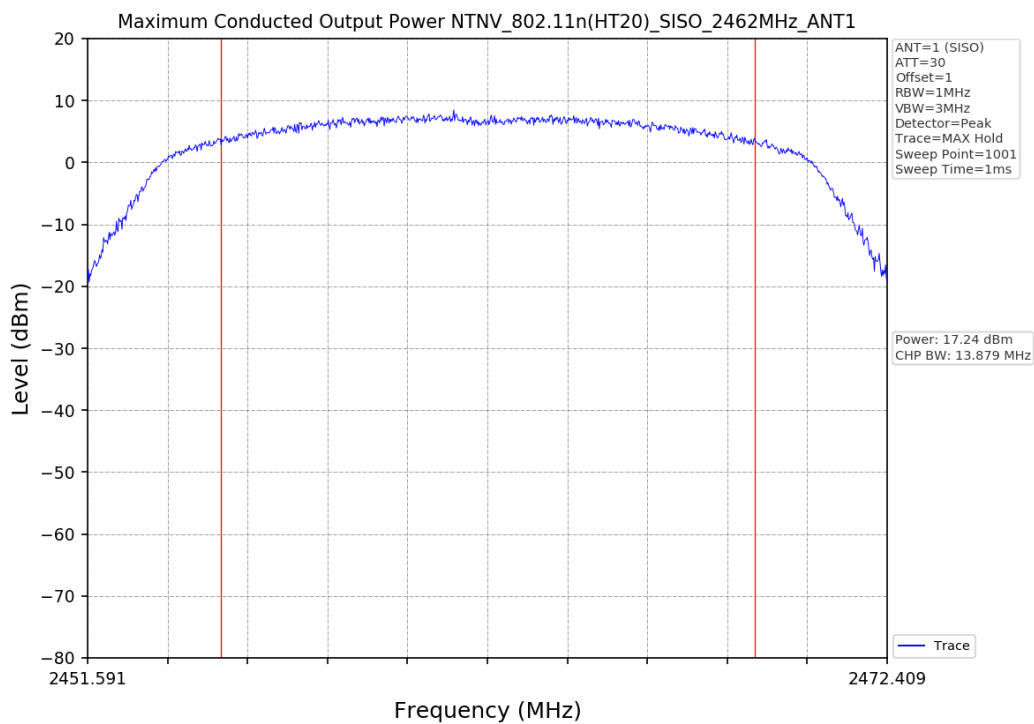
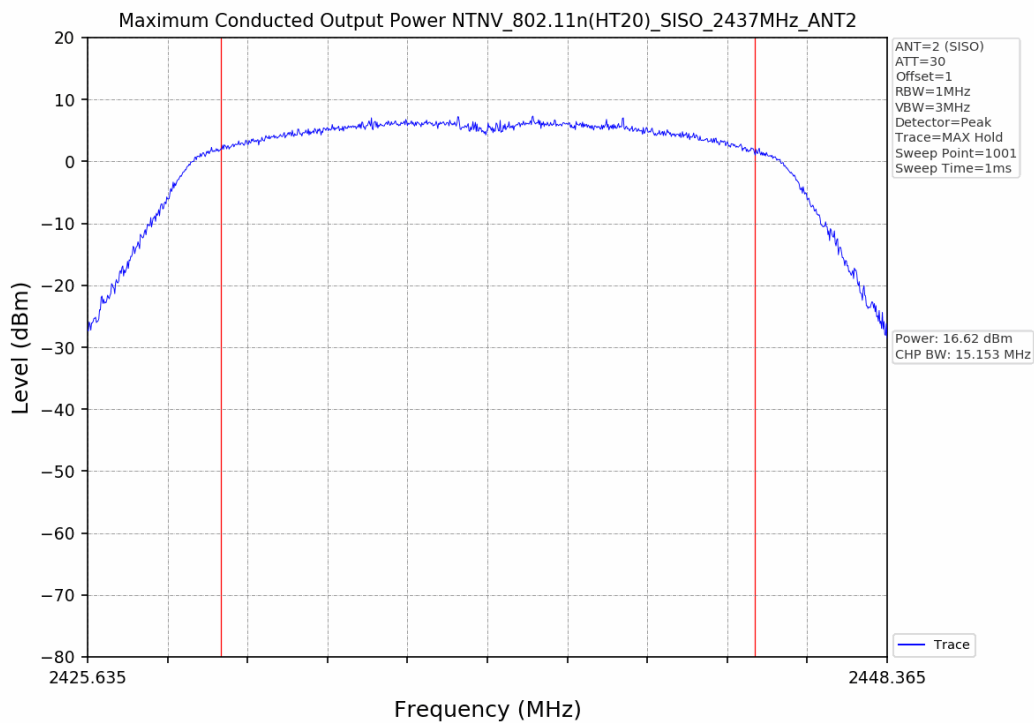


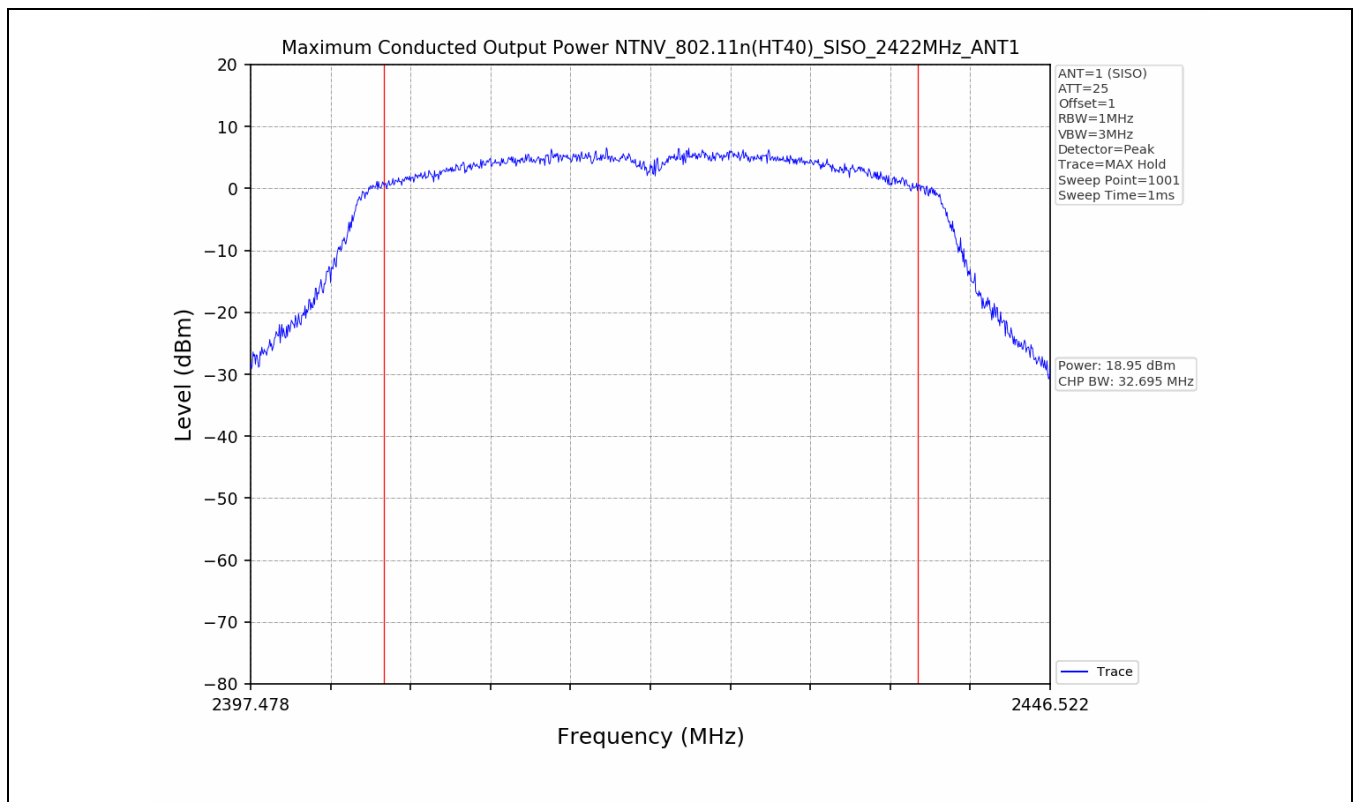
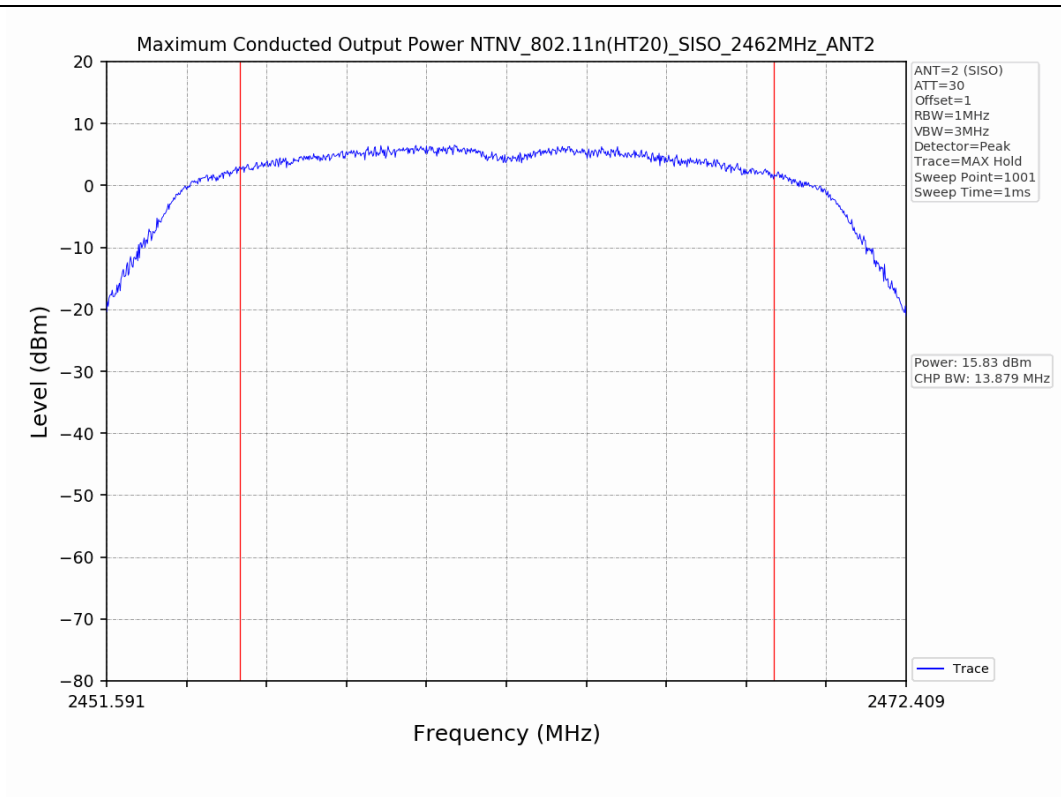


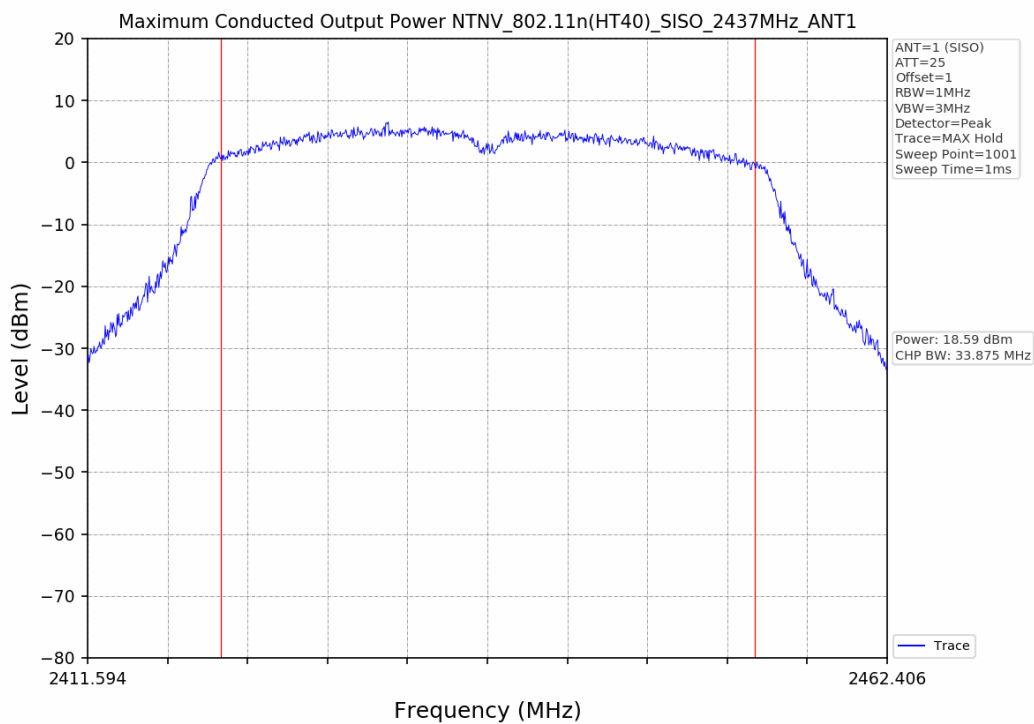
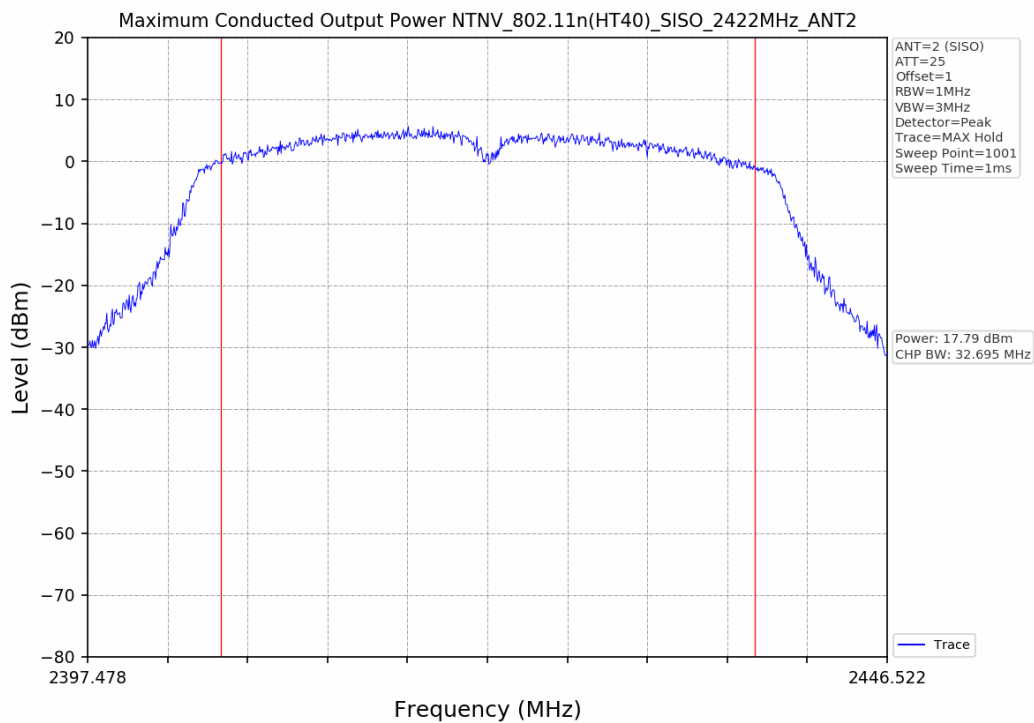


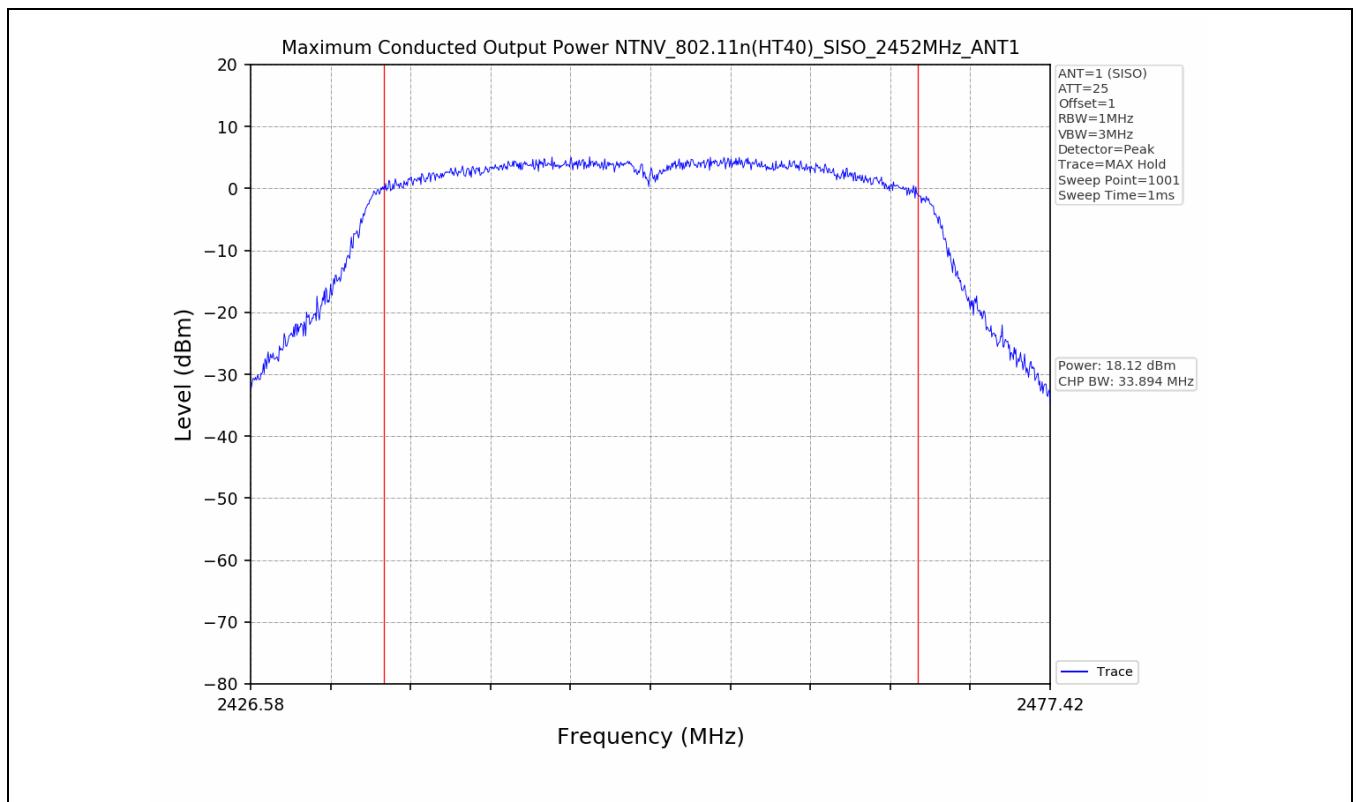
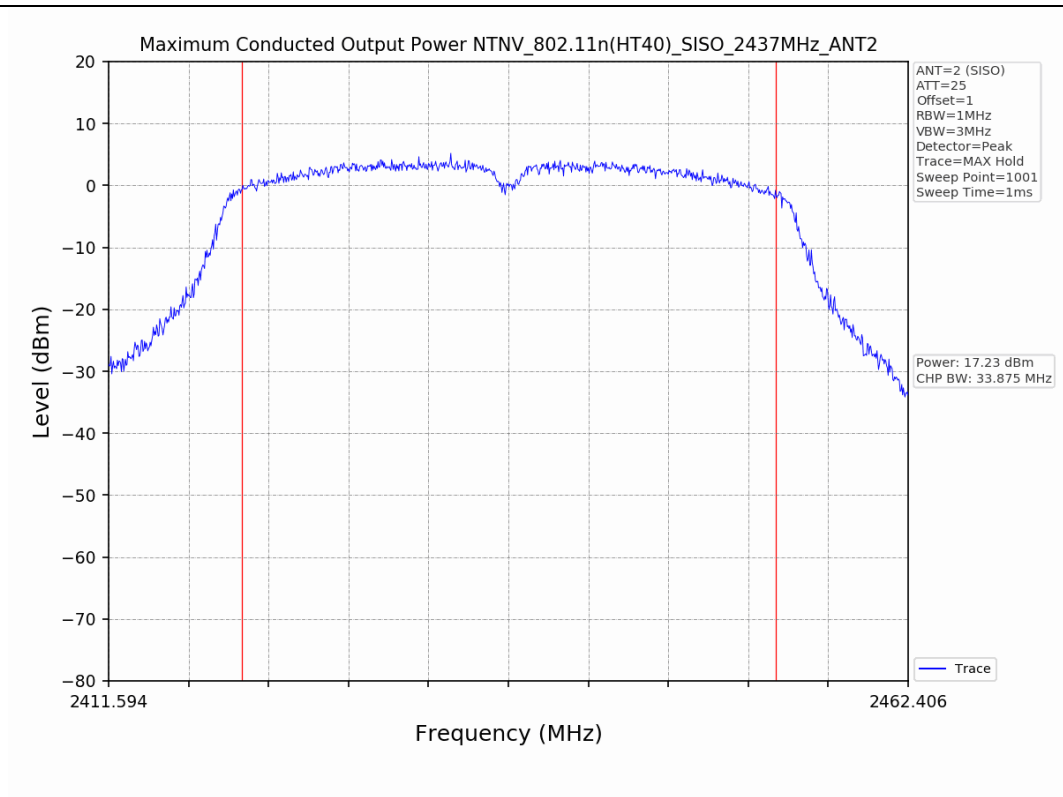


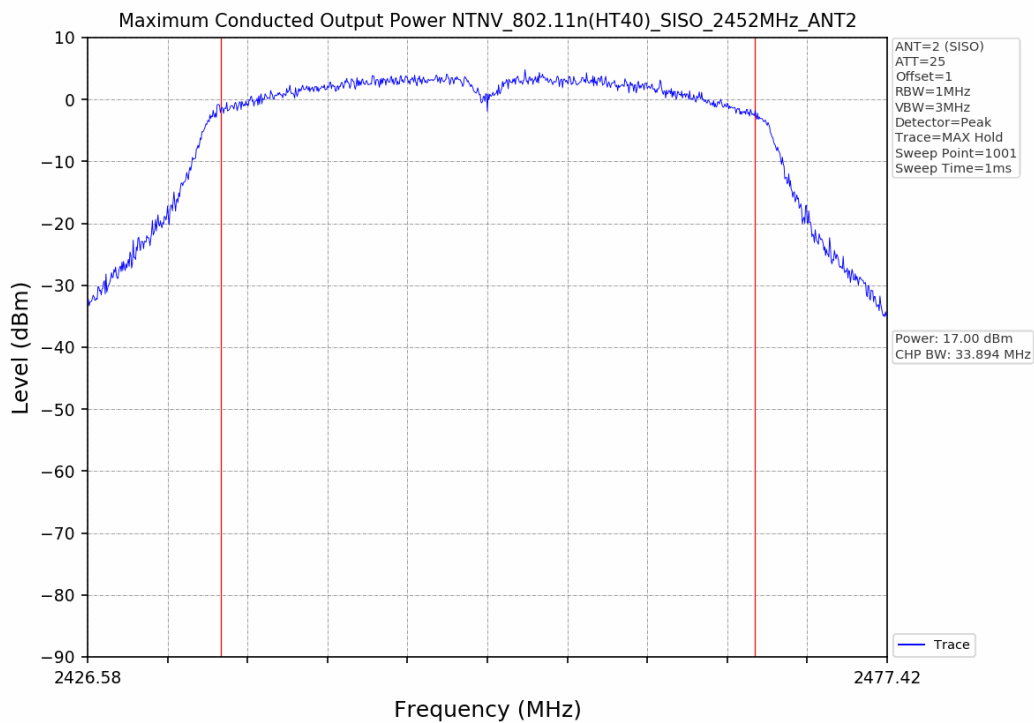










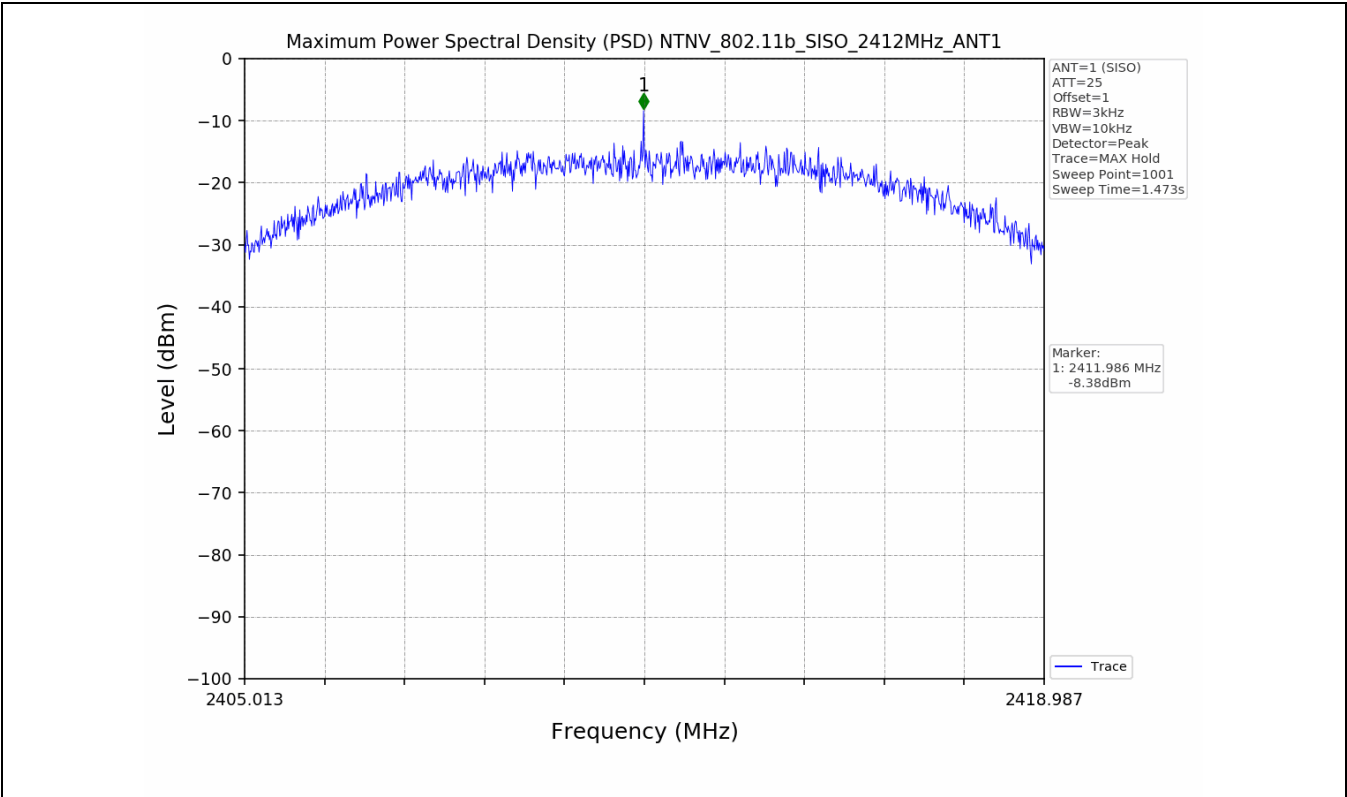


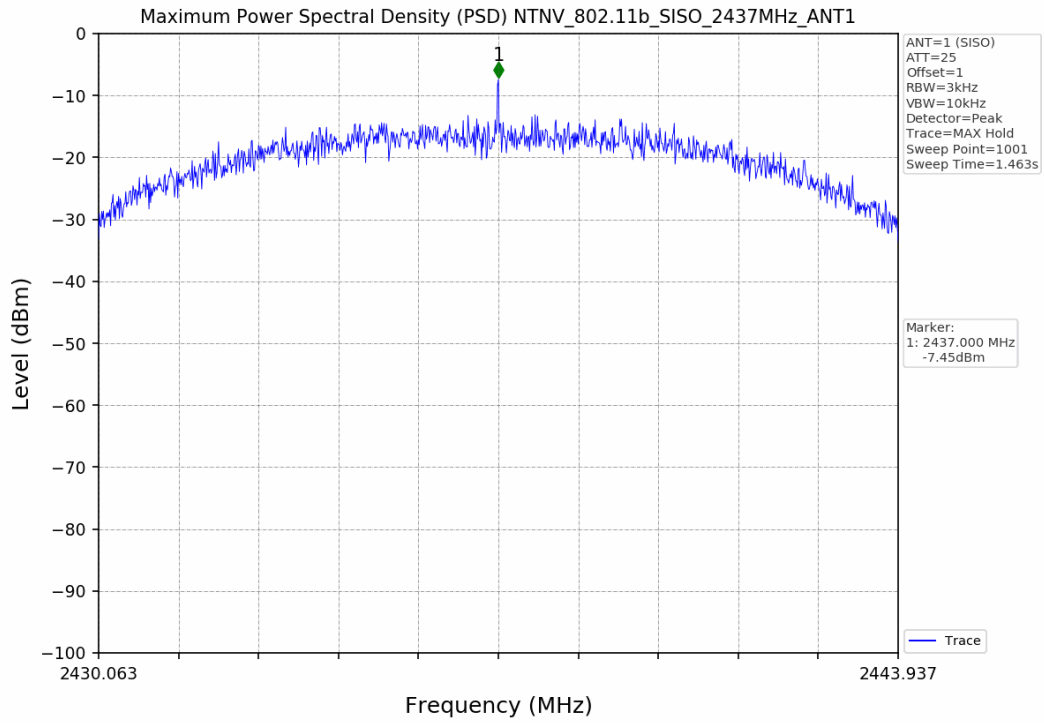
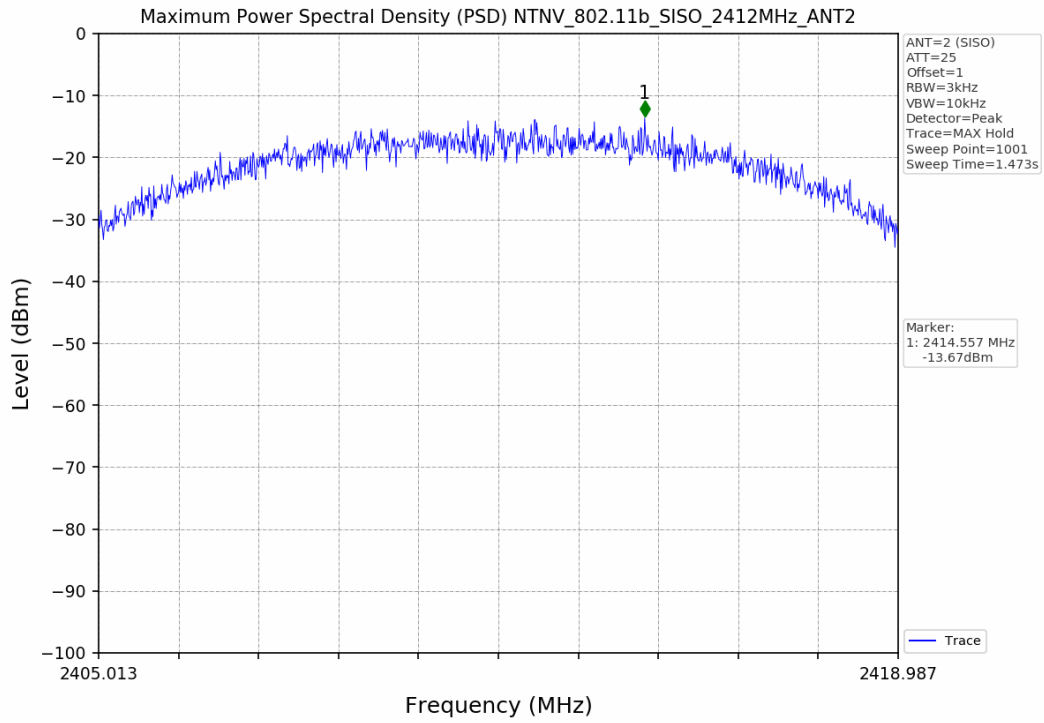
3. Maximum Power Spectral Density (PSD)

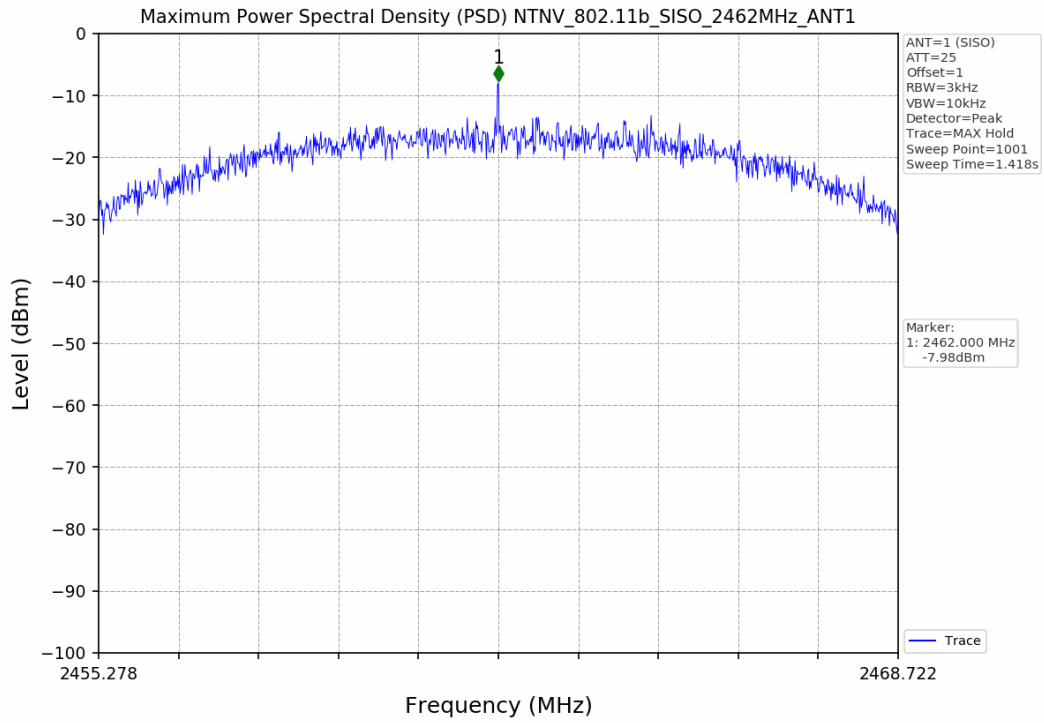
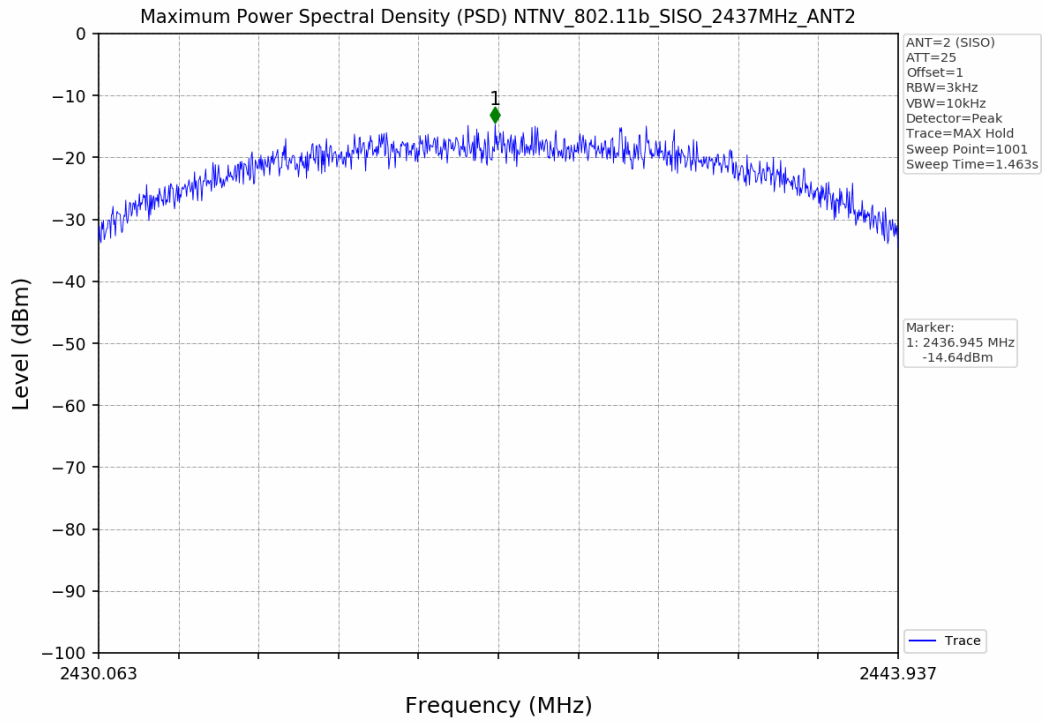
3.1 Test Result

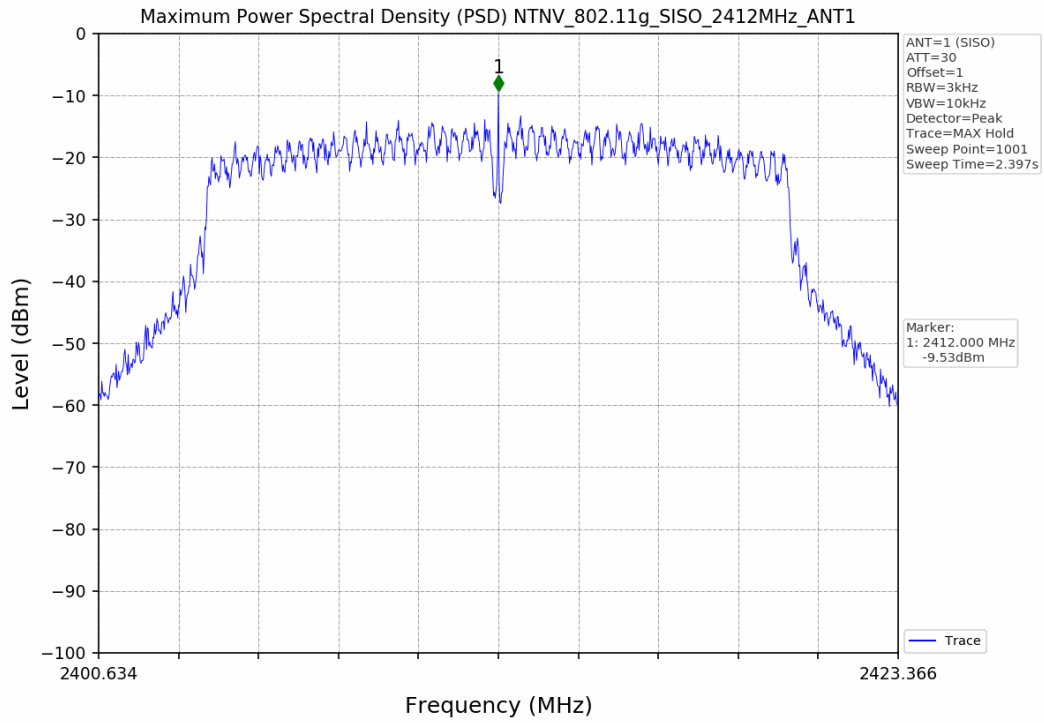
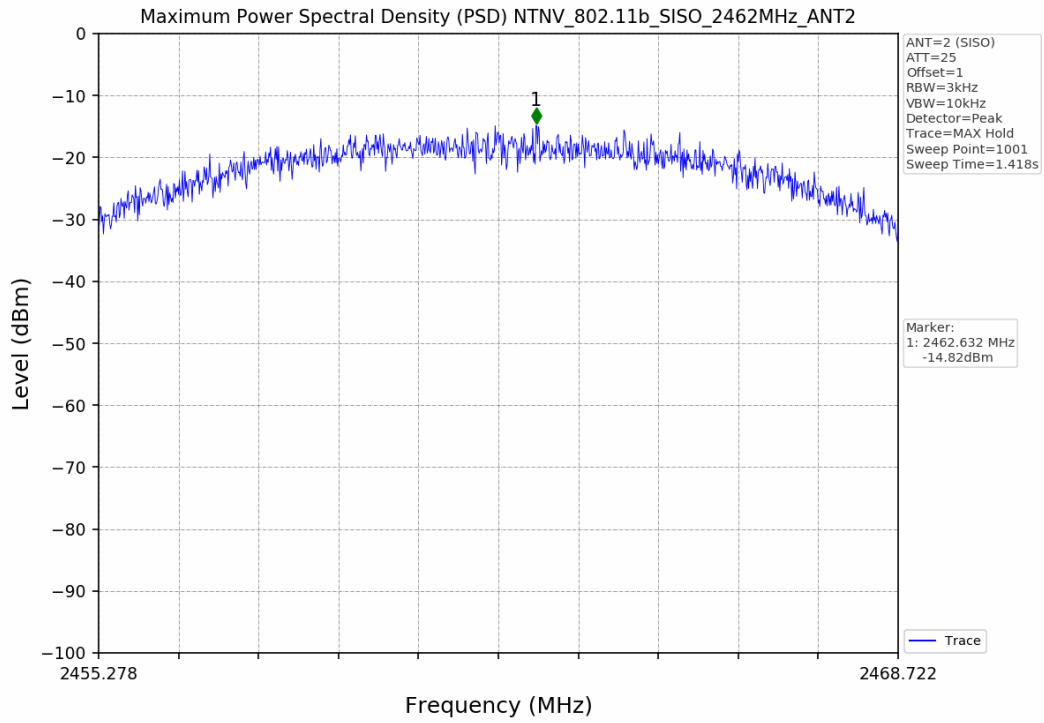
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)		Limits (dBm/3kHz)	Verdict
			Ant 1	Ant 2		
802.11b	2412	SISO	-8.38	-13.67	≤8	PASS
	2437	SISO	-7.45	-14.64	≤8	PASS
	2462	SISO	-7.98	-14.82	≤8	PASS
802.11g	2412	SISO	-9.53	-13.88	≤8	PASS
	2437	SISO	-9.24	-15.08	≤8	PASS
	2462	SISO	-9.41	-16.03	≤8	PASS
802.11n(HT20)	2412	SISO	-9.66	-14.74	≤8	PASS
	2437	SISO	-9.60	-16.14	≤8	PASS
	2462	SISO	-9.85	-14.84	≤8	PASS
802.11n(HT40)	2422	SISO	-8.89	-16.19	≤8	PASS
	2437	SISO	-9.55	-16.45	≤8	PASS
	2452	SISO	-10.47	-18.35	≤8	PASS

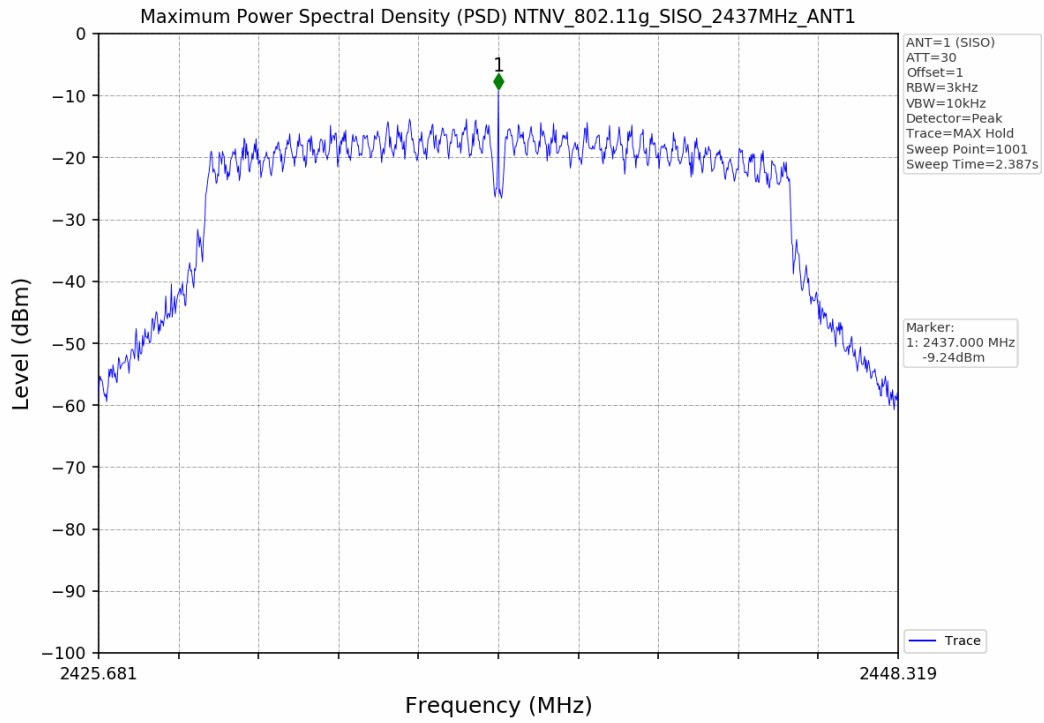
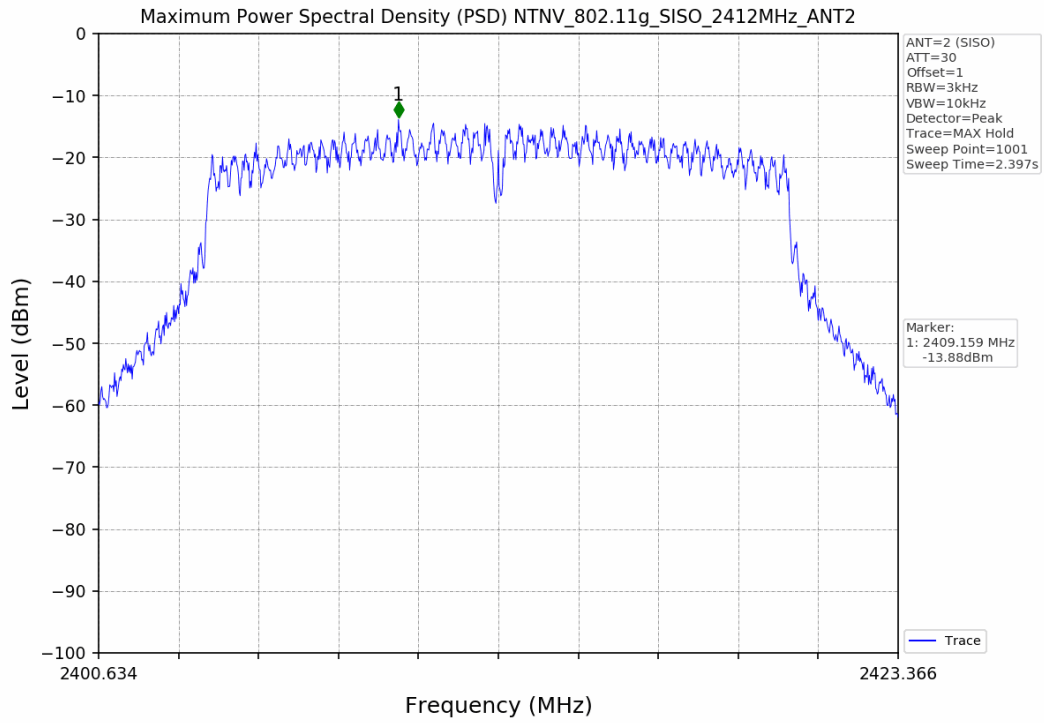
3.2 Test Graph

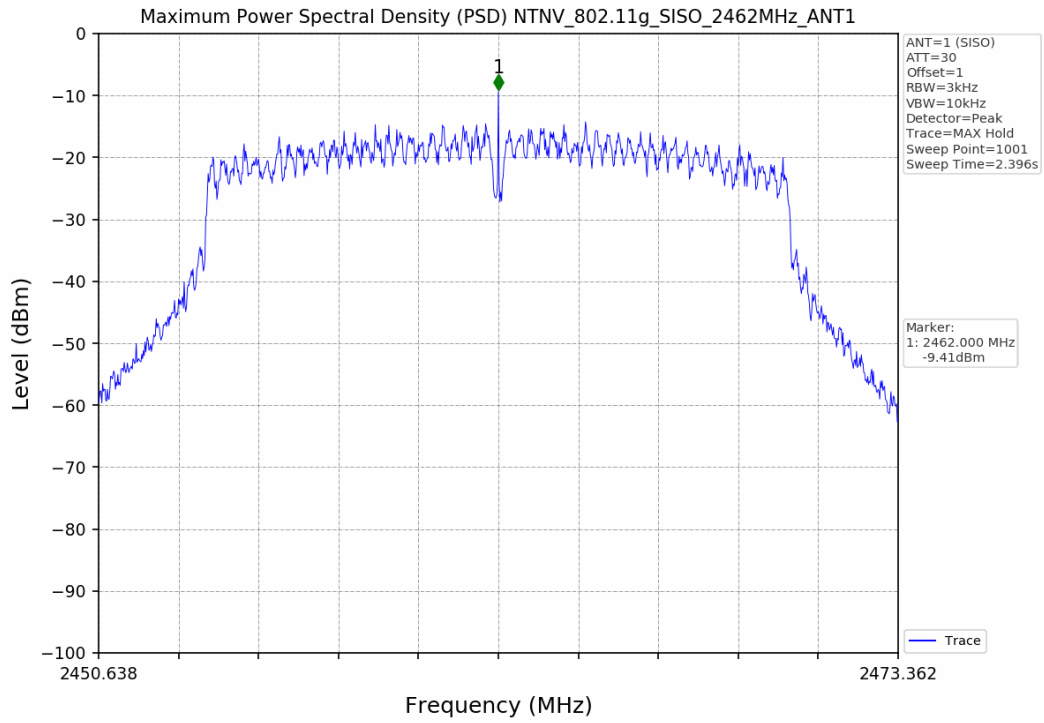
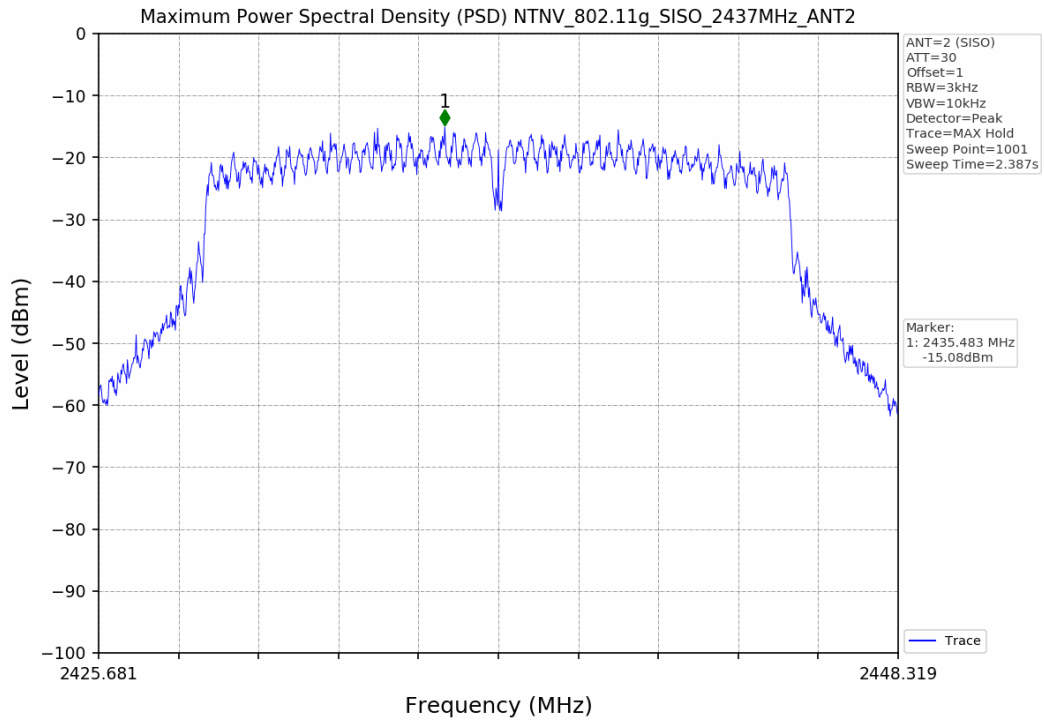


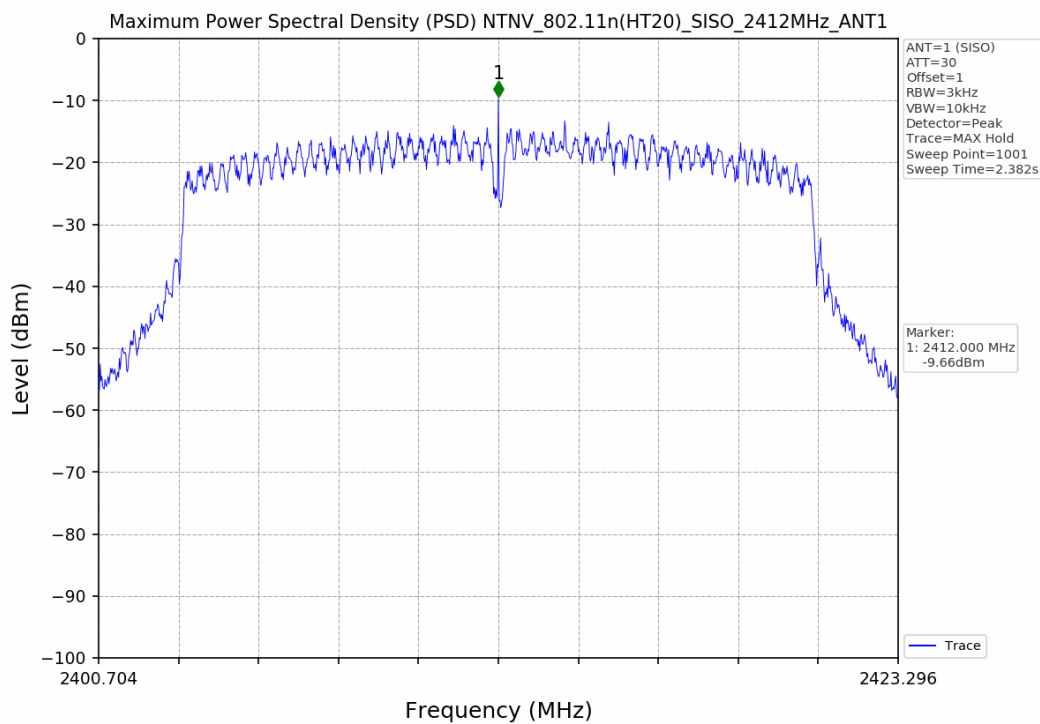
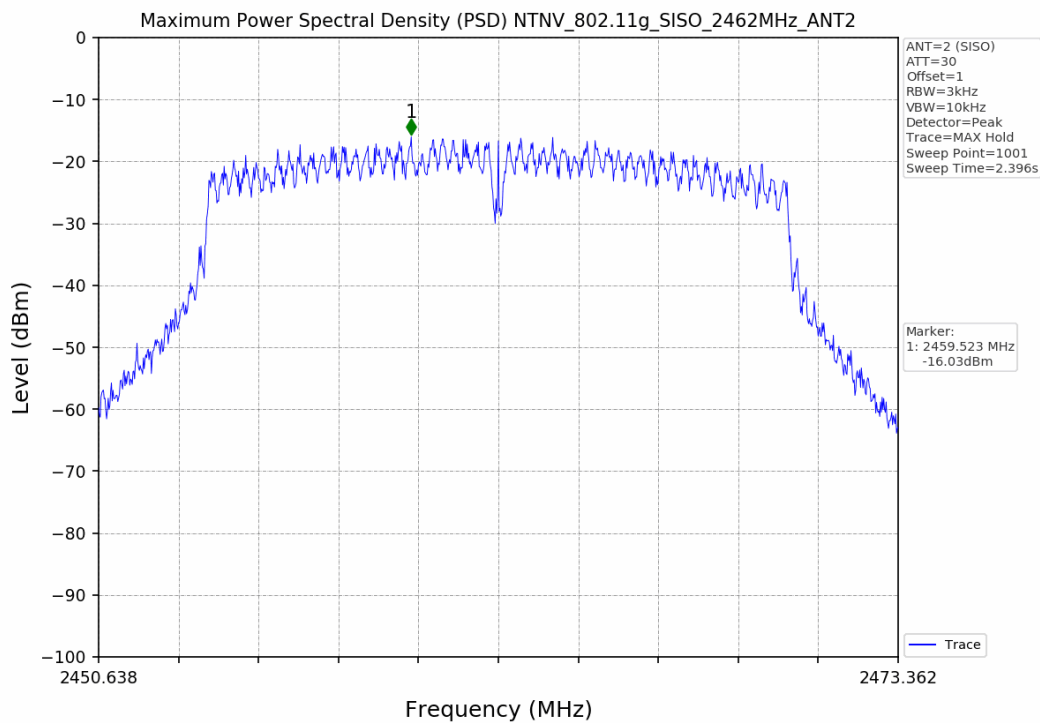


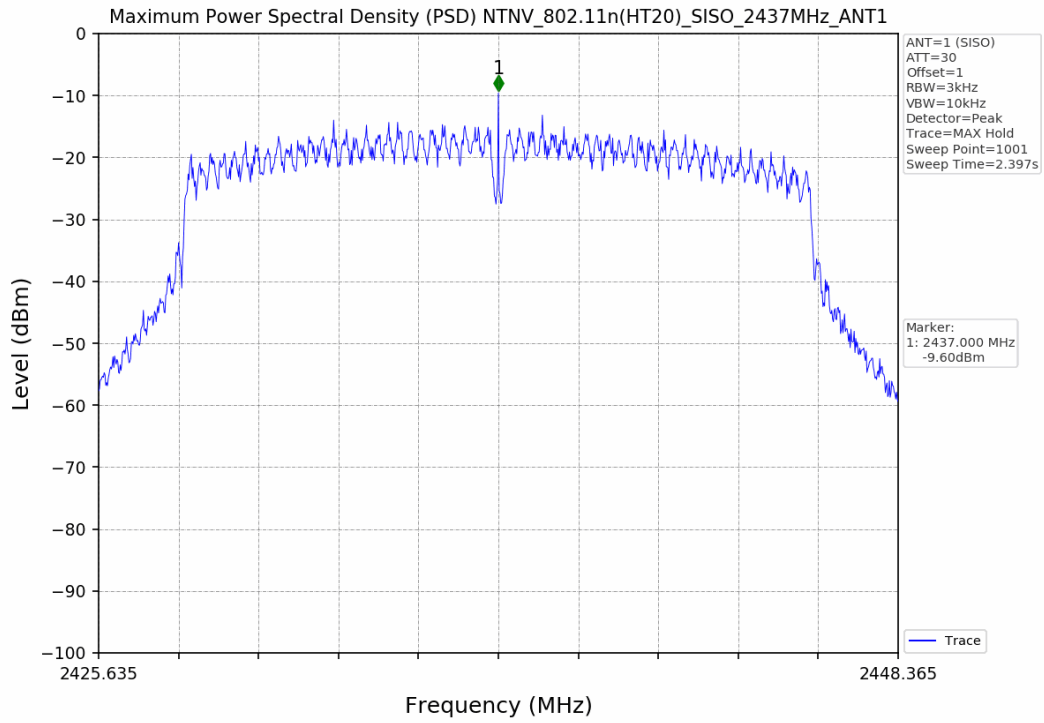
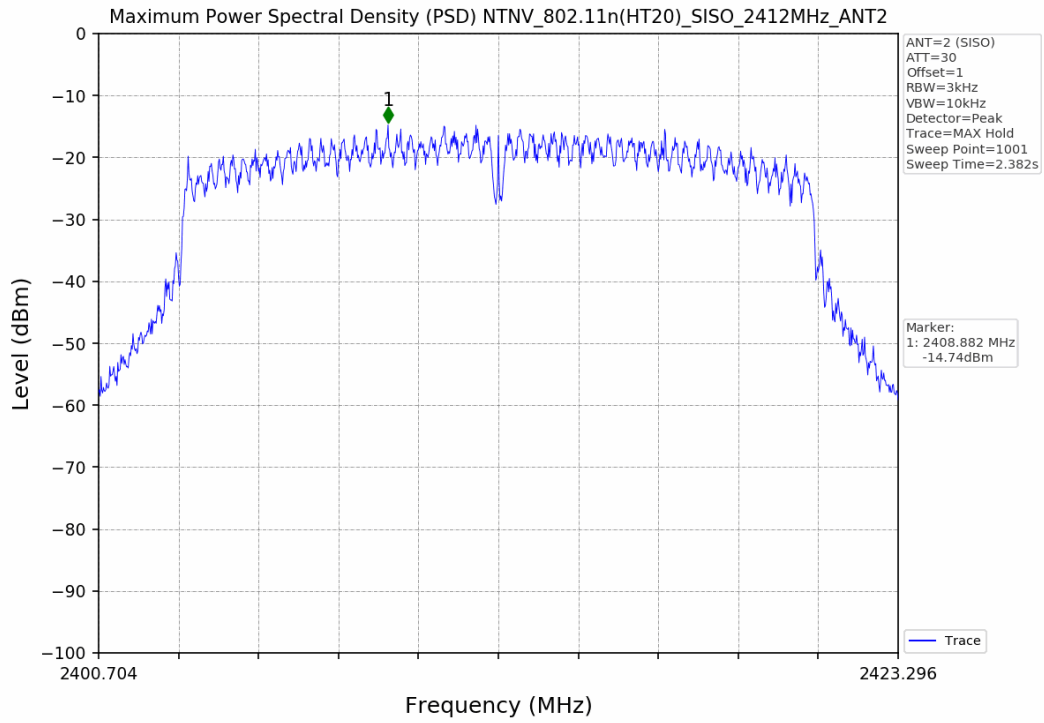


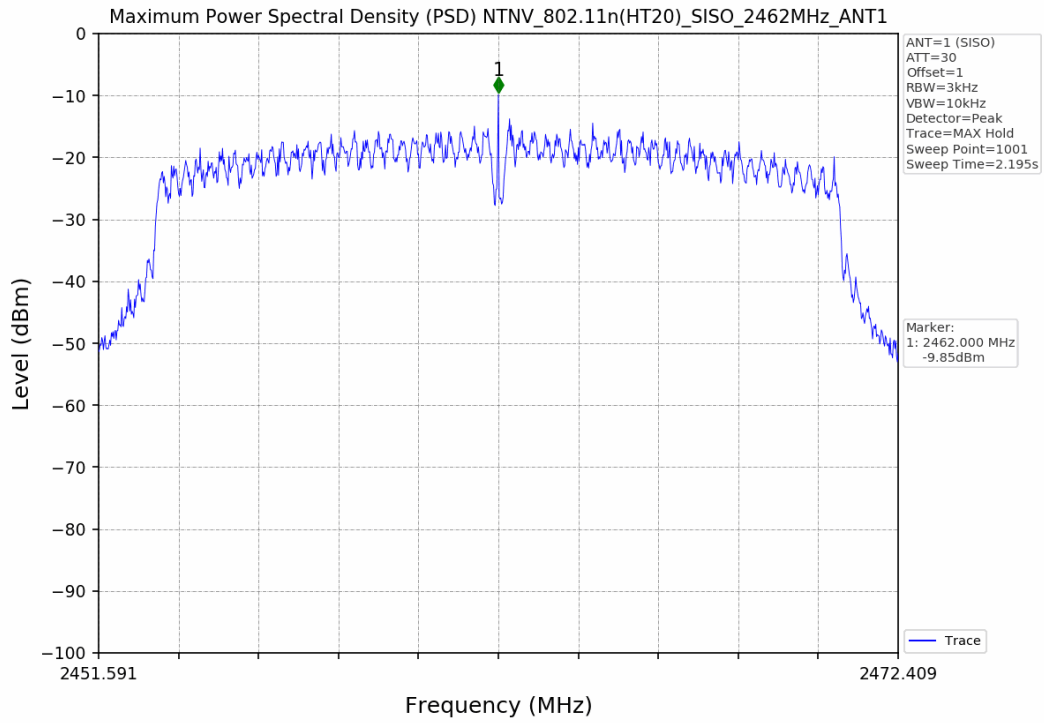
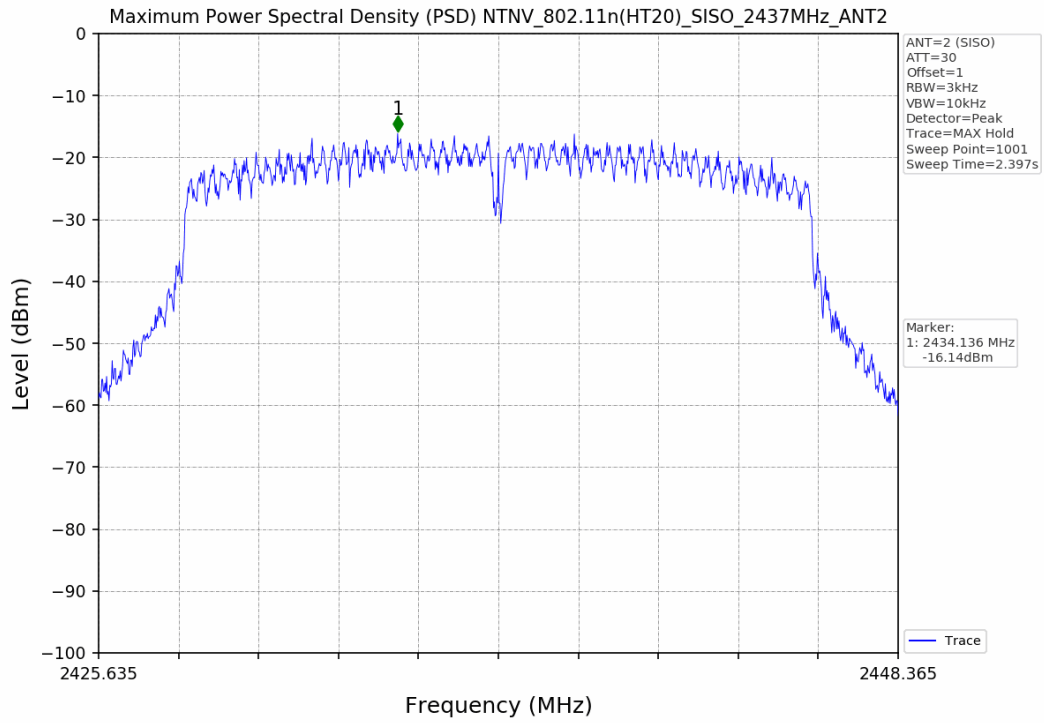


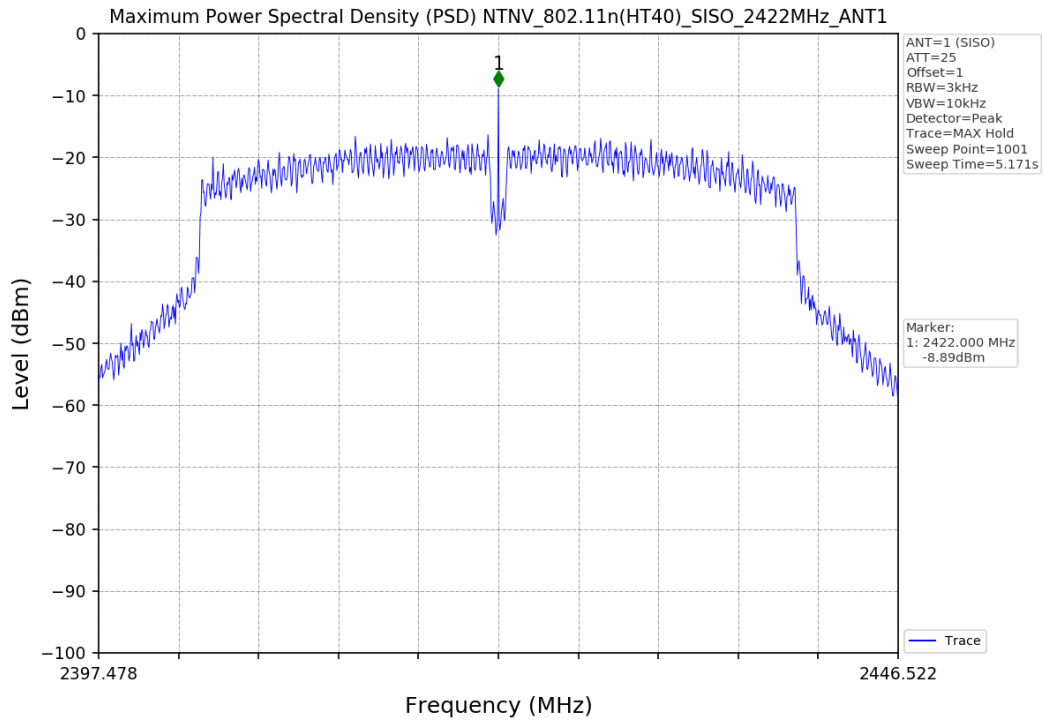
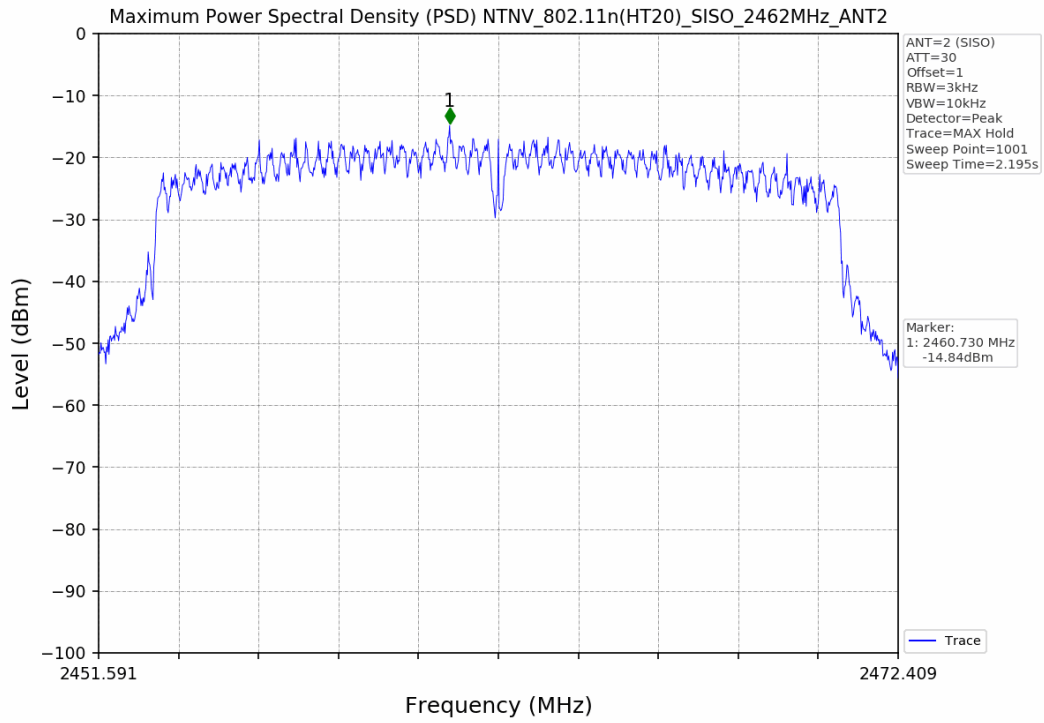


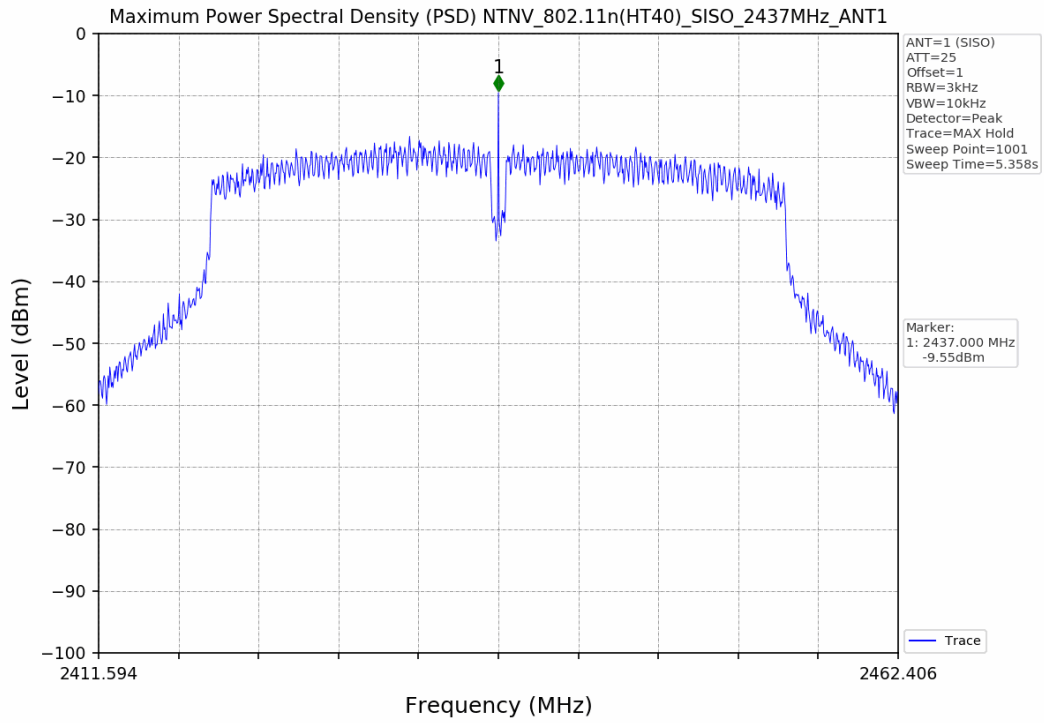
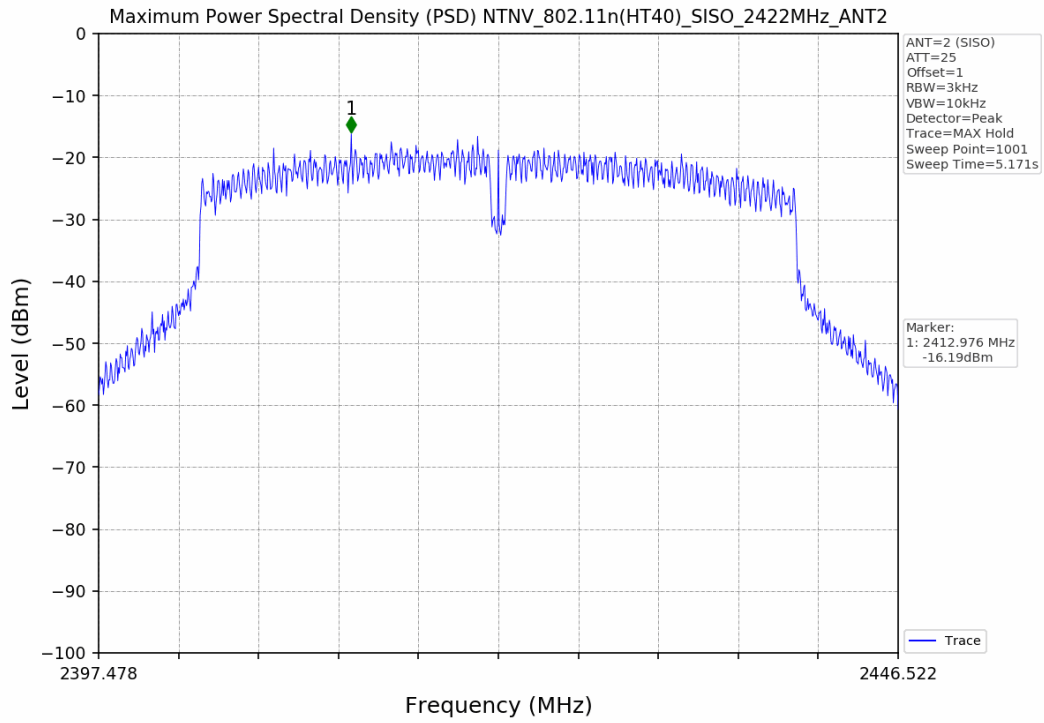


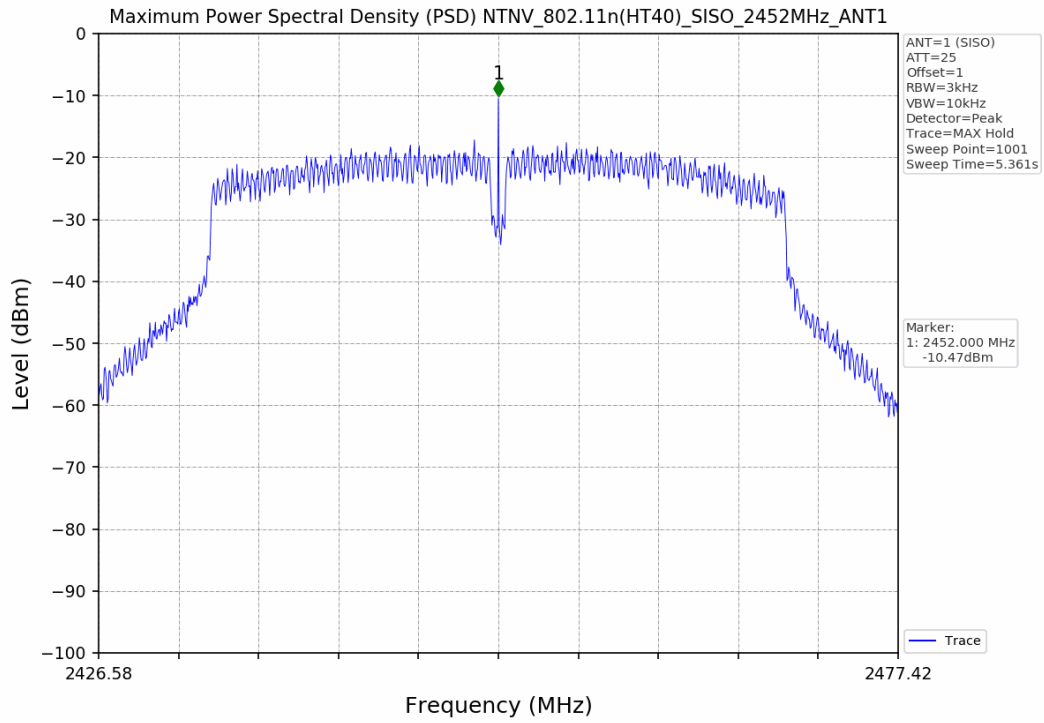
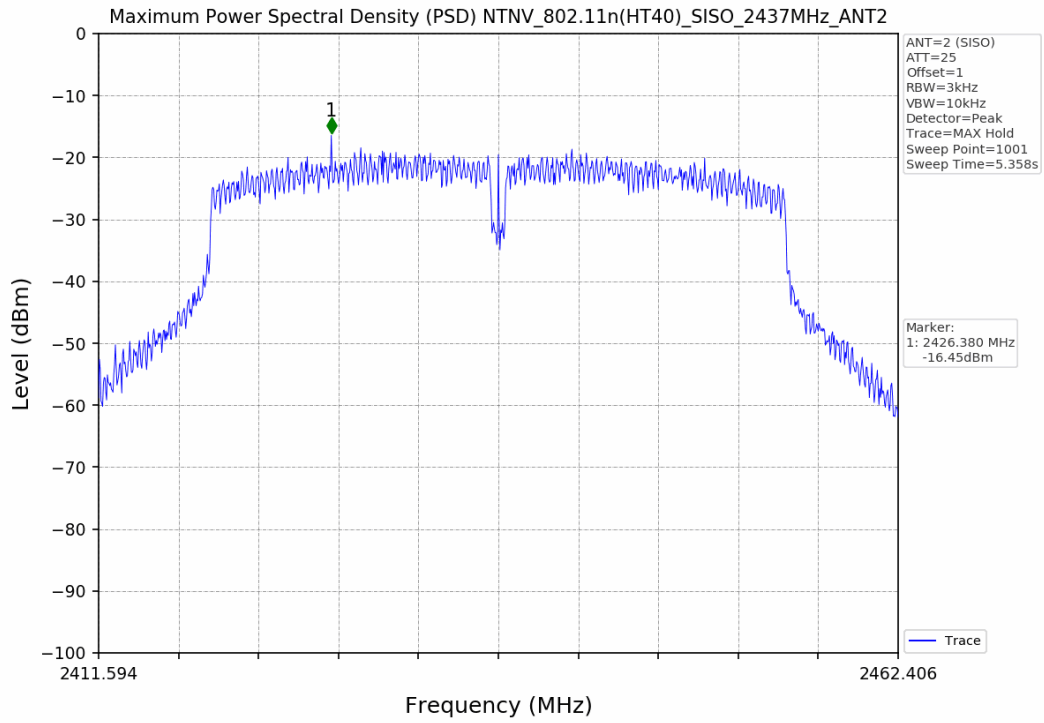


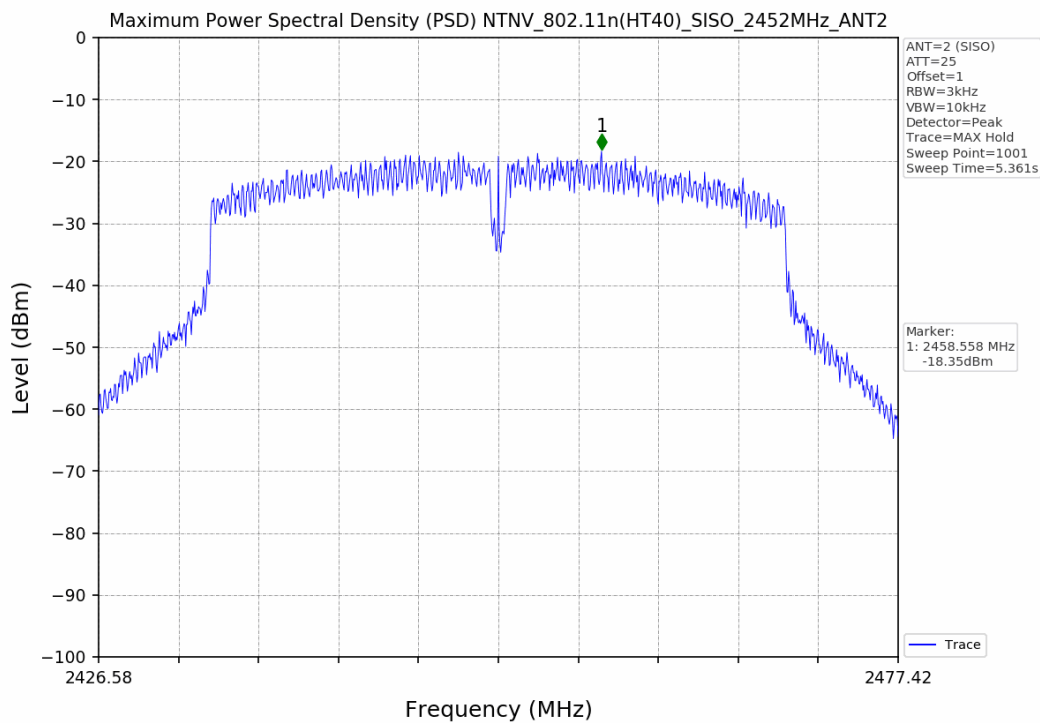










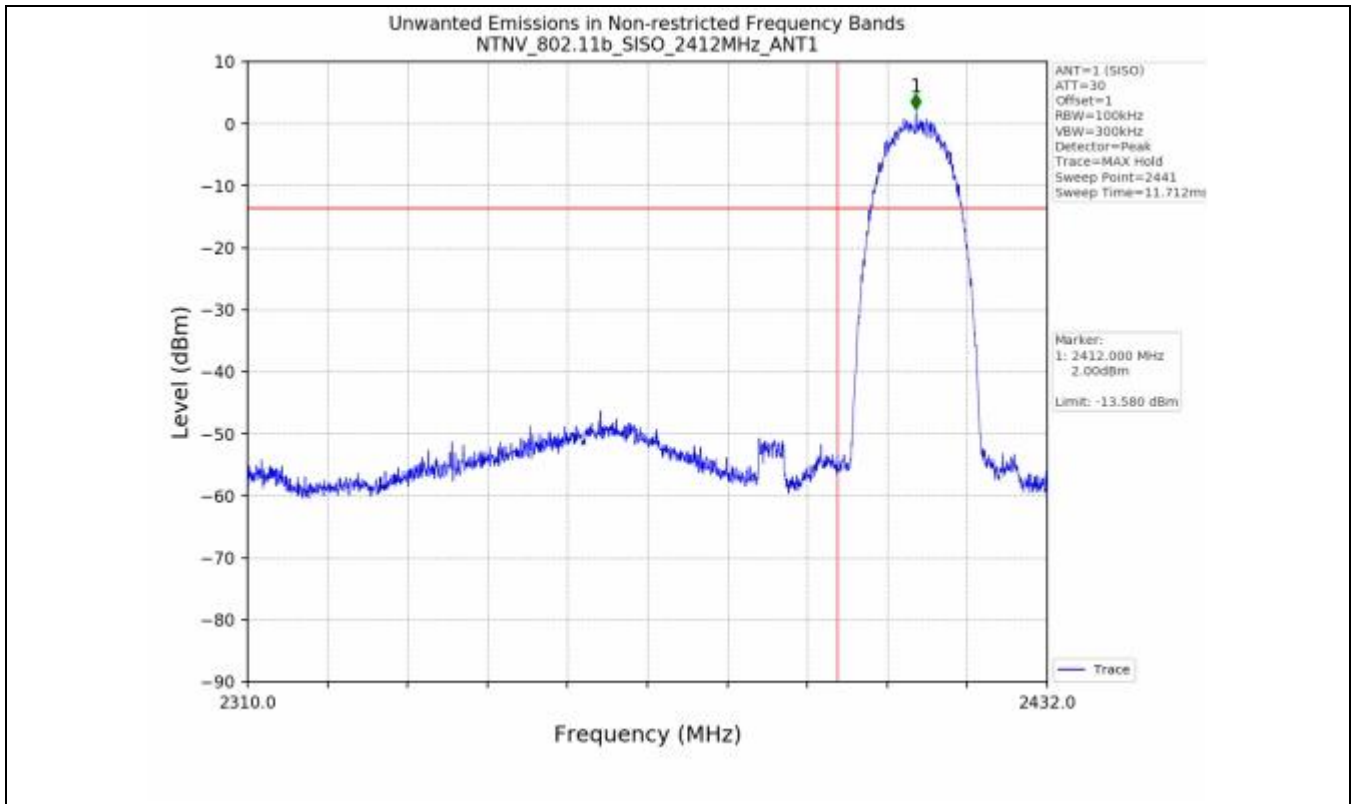
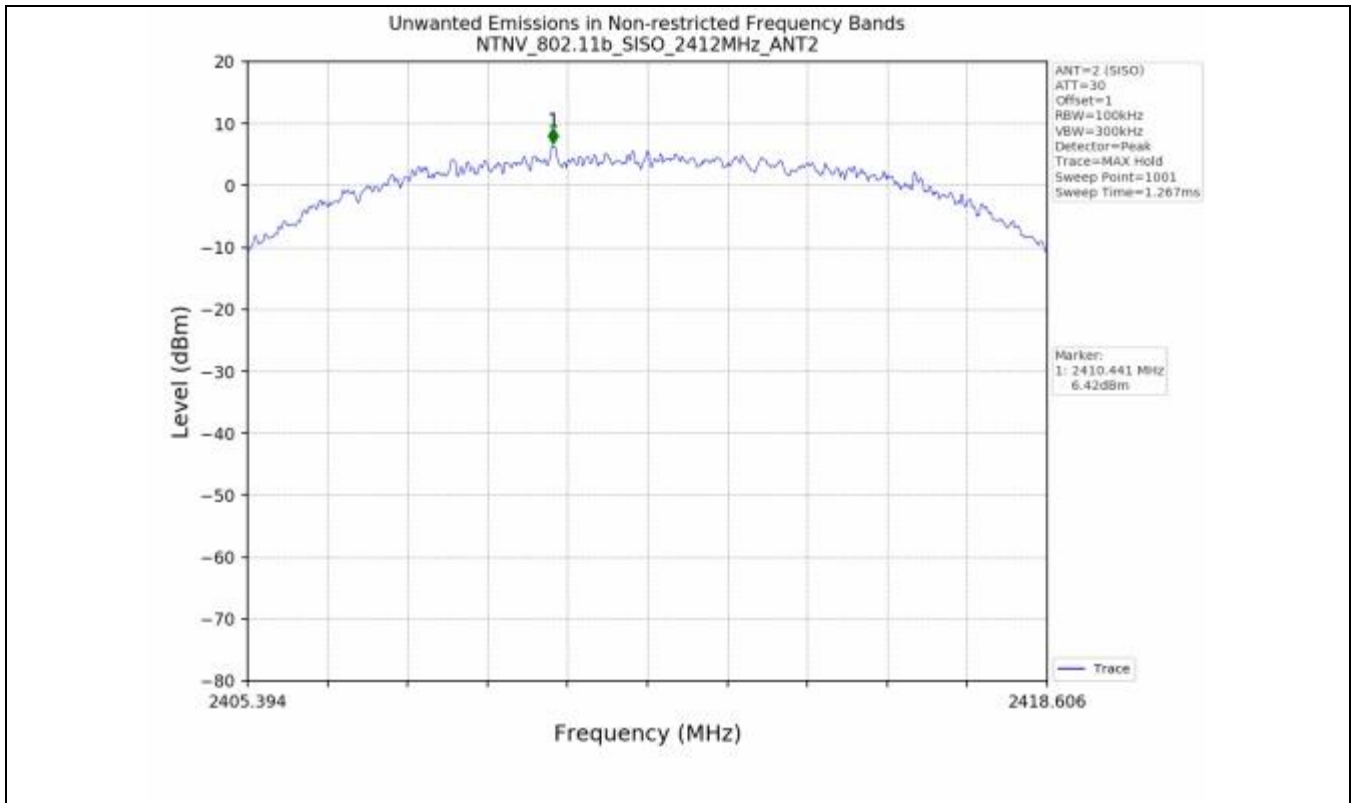


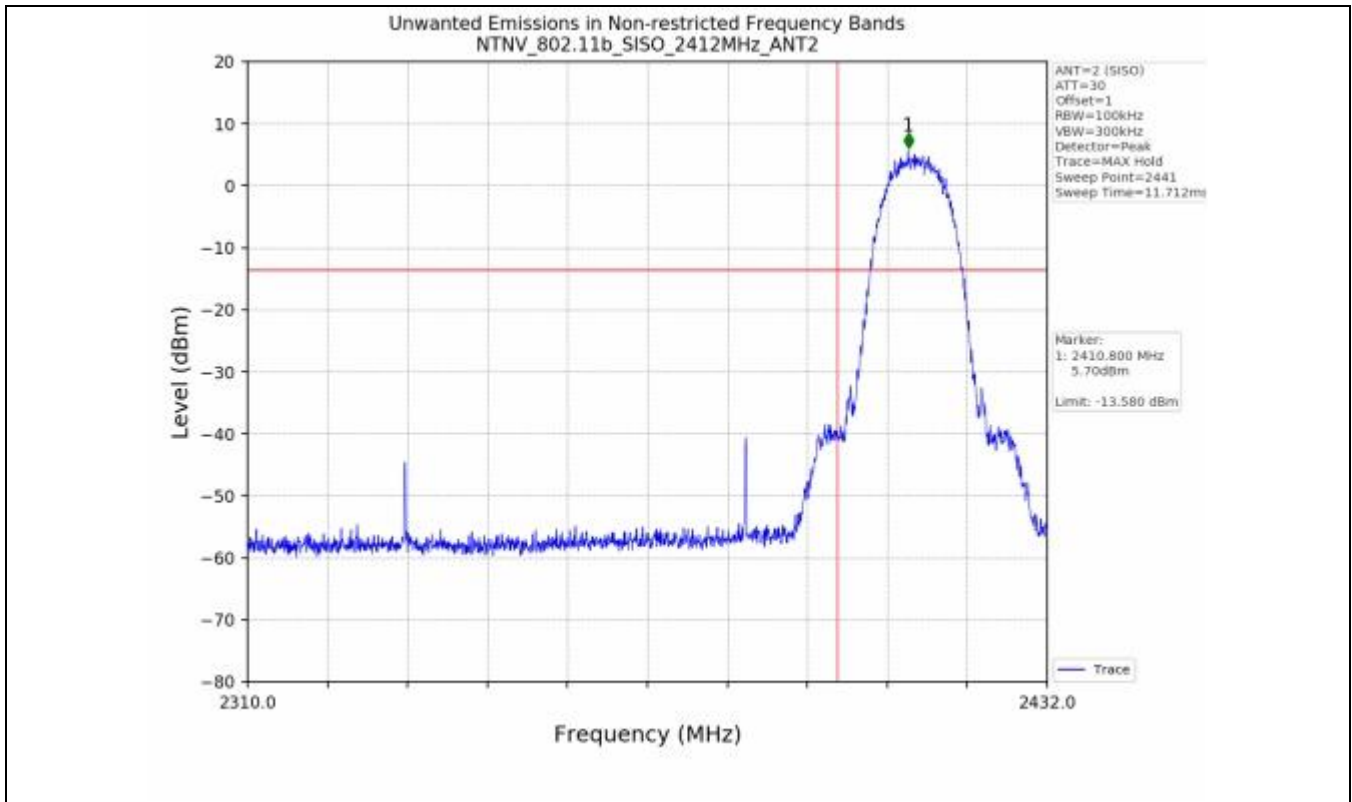
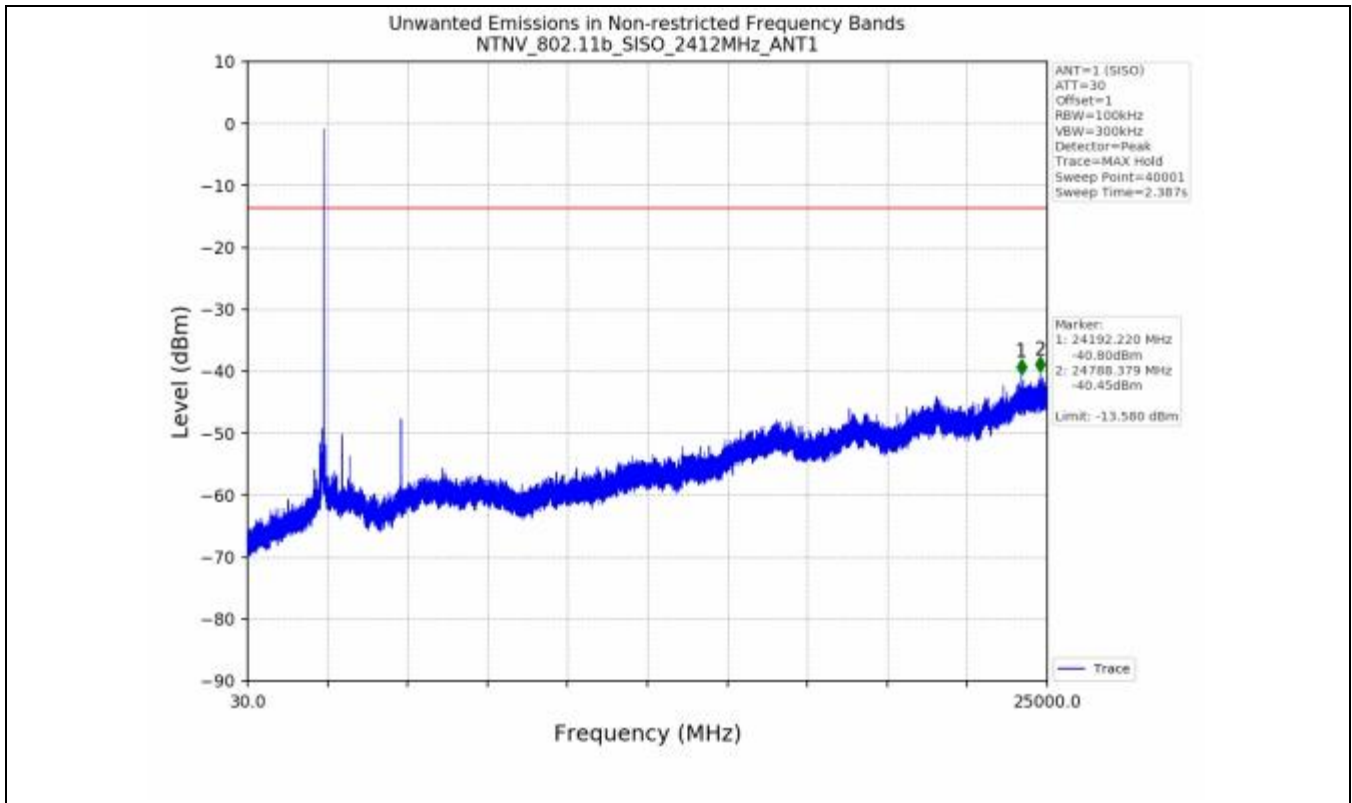
4. Unwanted Emissions in Non-restricted Frequency Bands

4.1 Test Result

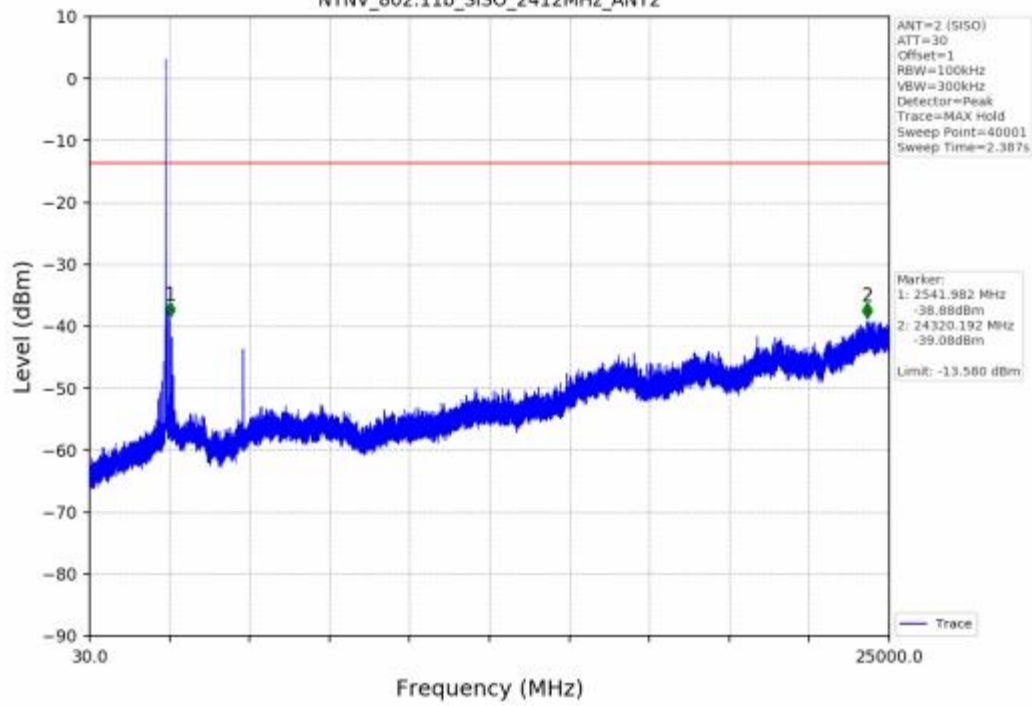
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-13.58	PASS
			2	Refer to test graph	-13.58	PASS
	2437	SISO	1	Refer to test graph	-13.58	PASS
			2	Refer to test graph	-13.58	PASS
	2462	SISO	1	Refer to test graph	-13.58	PASS
			2	Refer to test graph	-13.58	PASS
802.11g	2412	SISO	1	Refer to test graph	-16.57	PASS
			2	Refer to test graph	-16.57	PASS
	2437	SISO	1	Refer to test graph	-16.57	PASS
			2	Refer to test graph	-16.57	PASS
	2462	SISO	1	Refer to test graph	-16.57	PASS
			2	Refer to test graph	-16.57	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-16.32	PASS
			2	Refer to test graph	-16.32	PASS
	2437	SISO	1	Refer to test graph	-16.32	PASS
			2	Refer to test graph	-16.32	PASS
	2462	SISO	1	Refer to test graph	-16.32	PASS
			2	Refer to test graph	-16.32	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-21.55	PASS
			2	Refer to test graph	-21.55	PASS
	2437	SISO	1	Refer to test graph	-21.55	PASS
			2	Refer to test graph	-21.55	PASS
	2452	SISO	1	Refer to test graph	-21.55	PASS
			2	Refer to test graph	-21.55	PASS

4.2 Test Graph





Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11b_SISO_2412MHz_ANT2



Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11b_SISO_2437MHz_ANT1

